

SOUTHEASTERN BIOLOGY



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ASB

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ONLY CALL FOR PAPERS FOR THE 78TH MEETING

ASB

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ALABAMA STATE UNIVERSITY, MONTGOMERY, ALABAMA

TROY UNIVERSITY, TROY, ALABAMA

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MARCH 29 - APRIL 1, 2017

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**MEETING SITE: RENAISSANCE MONTGOMERY HOTEL AND SPA
AT THE CONVENTION CENTER, MONTGOMERY, ALABAMA**

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ABSTRACT SUBMISSION—SEE PAGE 593.

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The Student Center at Alabama State University, Montgomery, Alabama.

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PURPOSE

The purpose of this association shall be to promote the advancement of biology as a science by encouraging research, the imparting of knowledge, the application of knowledge to the solution of biological problems, and the preservation of biological resources. The ASB has representation in Section G Committee of the AAAS. Varying types of membership are available to individuals and institutions. See inside back cover.

TIME AND PLACE OF FUTURE MEETINGS

2017 March 29-April 1: Featured Institutions – Alabama State University, Montgomery, AL and Troy University, Troy, AL. Meeting site is the Convention Center at the Renaissance Montgomery Hotel and Spa, Montgomery, AL.

**EVENTS OF THE 2016 ANNUAL MEETING
IN CONCORD, NORTH CAROLINA**

Hosted by

**DAVIDSON COLLEGE, DAVIDSON, NORTH CAROLINA
QUEENS UNIVERSITY OF CHARLOTTE, NORTH CAROLINA
CHARLOTTE TEACHERS INSTITUTE, NORTH CAROLINA
UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE**

THE JOHN HERR LIFETIME ACHIEVEMENT AWARD

UNIVERSITY PROFESSOR HONORED

**PRESENTED TO DR. LAFAYETTE FREDERICK
TUSKEGEE UNIVERSITY, TUSKEGEE, ALABAMA**

The 2016 Association of Southeastern Biologists John Herr Lifetime Achievement Award was presented to Dr. Lafayette Frederick, Tuskegee University, Tuskegee, Alabama, at the 77th annual meeting of the Association in Concord, North Carolina, by the award committee chair, Dr. Patricia B. Cox. This prestigious award is sponsored by ASB. In presenting the award, Dr. Cox presented the following biography of Dr. Frederick.

BIOGRAPHICAL SKETCH FOR LAFAYETTE FREDERICK

We the members of the Association of Southeastern Biologists are honored to present the John Herr Lifetime Achievement Award to Dr. Lafayette Frederick. Dr. Frederick was born in Dog Bog, Mississippi, but grew up on various cotton farms in SE Missouri. His early education was in a one-room schoolhouse where his father taught, except for times when sharecropper duties called. His experiences on the farm and in the nearby woods resulted in his developed interest in nature, and he entered the Tuskegee Institute to study technical agriculture. It was there where he was introduced to the world of botany. Lafayette earned his B. S. degree in Biology in 1943 and then joined the Navy where he was stationed at Pearl Harbor. After WW2, his love for botany led him to study native plants at the University of Hawaii. From there he entered into a M.S. degree program in Botany at the University of Rhode Island, then proceeded to Washington State University to receive a Ph.D. in plant pathology and Botany where his doctoral thesis focused on "*Spore development in fungi, systematics and ecology of the Myxomycetes, and the Dutch elm disease.*" He held numerous postdoctoral positions: Cornell University, University of Illinois and University of Michigan. Dr. Frederick has had academic positions at Southern University, Atlanta University, Howard University, and Tuskegee University, where he presently is still active in his research on the taxonomy of

Myxomycetes (slime molds). His other research interests over the years include mycology in fungal spore development and in biocontrol of fungal diseases by endophytic bacteria.

During his long and active career, he has been a committed and generous mentor. In a time of racial segregation, he was successful and worked tirelessly to interest young African Americans to the field of science. He joined ASB in 1955 but was not allowed to attend the meetings until 1958 where he presented his first paper. He has attended almost every annual meeting since that time and brought many students with him over the years to present papers and posters.

When asked **“What are you most proud of in your work?”** he responded: “the opportunity that I have had to be a mentor for the many outstanding students that have or have had distinguished careers in their fields of endeavor as professional scientists, academic administrators, corporate executives, and educators; and to have assisted them in developing their talents, elevating their horizons, and in overcoming barriers.”

Lafayette has served ASB as president, vice president, executive committee member, local arrangement committee, and has also received the ASB Meritorious Teaching Award. He has also received many honors and awards from various other scientific organizations: some include an Honorary Doctorate of Science degree in Botany and a Distinguished Alumni Award from the University of Rhode Island; the Botanical Society of America Merit Award; the Mycological Society of America Fellow; the NSF Education and Human Resources Directorate Lifetime Achievement Award; the American Association for the Advancement of Science Lifetime Mentor Award; and a Tuskegee Institute Distinguished Alumni Merit Award. And if that isn't enough, he has also had the Hawaiian shrub, *Cyrtandra frederickii*, named for him.

When asked **“What is your favorite quote?”** he responded: “A wise old owl lived in an oak. The more he saw the less he spoke. The less he spoke the more he heard. Why can't we all be like that wise old bird?”

Patricia B. Cox, Ph.D.
JHLAA Committee Chair



Lafayette Frederick (second from left) receives the 2016 John Herr Lifetime Achievement Award from award committee chair Patricia Cox (far right). Dr. Frederick is congratulated by his son David (far left) and by his wife Antoinette (second from right).



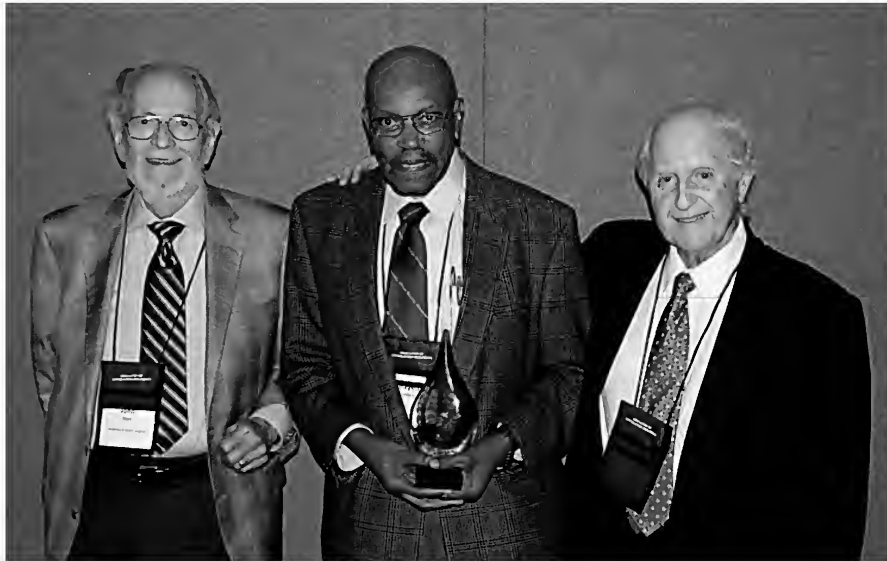
Lafayette Frederick (center) is congratulated by Chinyere Knight (left) and Antoinette Frederick.



Lafayette Frederick (far right) is congratulated by (from left to right) his son David, Katherine Gardner, and Antoinette Frederick.



Lafayette Frederick (right) is congratulated by two previous Herr award recipients—Raymond Flagg (left) and John Herr (center).



Lafayette Frederick (center) is congratulated by John Herr (left) and James Caponetti (right).



Lafayette Frederick (center) is congratulated by (from left to right) Lucrecia Herr, John Herr, Antoinette Frederick, Marilyn Caponetti, and James Caponetti.

ASB MERITORIOUS TEACHING AWARD**UNIVERSITY PROFESSOR HONORED****PRESENTED TO DR. CLAUDIA L. JOLLS
EAST CAROLINA UNIVERSITY, GREENVILLE, NORTH CAROLINA**

The 2016 recipient of the Association of Southeastern Biologists Meritorious Teaching Award is Dr. Claudia L. Jolls, Associate Professor of Biology from East Carolina University, Greenville, North Carolina. Dr. Jolls was nominated by her graduate student, Jaclyn Inkster, who opened her nomination letter of Dr. Jolls by stating "students and faculty colleagues recognize her ability to disseminate information with great passion for the subject in a clear and engaging manner. Her lectures include everyone in the classroom through thought-provoking discussion and questions." Inkster went on to write that Dr. Jolls "pushed me to become a better educator myself and guidance under her has been invaluable. From these statements and others in the nomination letter, the MTA selection committee recognized that Dr. Jolls had a clear passion for teaching as well as the desire to cultivate that passion in those who served under her.

The award was presented at the 77th annual meeting of the Association in Concord, North Carolina, by the award committee chair, Dr. Kim Marie Tolson.

This prestigious award is sponsored by ASB Patron Member Carolina Biological Supply Company, Burlington, North Carolina, and includes a plaque, a check for \$1500, and copies of letters supporting the awardee's nomination. The following biographical sketch and selected quotations from the letters were drawn from the materials supporting the nomination.

BIOGRAPHICAL SKETCH FOR CLAUDIA JOLLS

Dr. Jolls received her Ph.D. in Biology (Plant Ecology) in 1980 from the University of Colorado. After spending several years at the University of Michigan as a postdoctoral fellow and research scientist, she joined the faculty at East Carolina University in 1984. Honors bestowed upon Dr. Jolls while serving on the faculty at ECU include, but are not limited to, the UNC Board of Governors Distinguished Professor for Teaching, the Robert Joyner Outstanding Teacher Award at ECU and Most Influential Individual by graduating seniors at ECU. Dr. Jolls is also a past president of the Association of Southeastern Biologists.

SELECTED QUOTATIONS FROM LETTERS OF SUPPORT

Selected comments chosen from the multitude of letters that were received in support of Dr. Jolls's nomination include:

- As a mentor, Claudia was hands-on, but she allowed me the opportunity to work independently and stumble a bit on my own in order to learn the process and develop as a scientist. Claudia's mentoring style helped instill in me the confidence I needed to tackle research and the pressures of graduate school.

- Her ability to convey magnitudes of foreign concepts while maintaining students' curiosity is a testament to Dr. Jolls' dedication and prowess as an educator.
- Claudia is an outstanding colleague and partner in educating our students. Her commitment to students occurs in formal courses, undergraduate and graduate research within her laboratory, informal interactions and academic advising.
- I credit Dr. Jolls with every academic leap and bound I have ever made in biology. She inspired my interest in research, botany and ecology, and my desire to pursue higher education.
- I have seen firsthand the remarkable effect of her talents on her students' academic, professional and personal development. Indeed, Claudia has served as a model in my own development as a teacher and graduate mentor.
- I can vividly remember the topic – research ethics – of the first lecture I attended of hers. Her confident presence and use of humor quickly reeled in the audience, and she maintained our attention using dynamic gestures, voice projection and masterful storytelling. Having since observed her teaching in a variety of courses, I can attest that she consistently carries this energy and students' rapt attention throughout her courses.
- Dr. Jolls has a style that is engrossing, encouraging and the talk is inspiring. The room changes. There is less a deer in the headlights feel and more a "maybe I can do this" vibe.
- Though I was only her student for one semester, two years ago, she still calls me by name when I pass her on campus, never fails to ask about my plans, and offers to help me see them to fruition however she can.

The Association of Southeastern Biologists Meritorious Teaching Award is the most prestigious award presented by the organization. Congratulations to Dr. Claudia L. Jolls, recipient of the 2016 MTA, an honor well deserved!

Dr. Kim Marie Tolson, Chair
ASB Meritorious Teaching Award
Department of Biology
University of Louisiana
Monroe, Louisiana



Claudia Jolls (right) receives the 2016 ASB Meritorious Teaching Award from award committee chair Kim Marie Tolson.



Dr. Jolls is congratulated by her students (from left to right) Erika Dietrick, Minh Chav Ho, Jaclyn Inkster, Erin Fegley, and Grant Beatty.

ASB LUCRECIA HERR OUTSTANDING BIOLOGY TEACHER AWARD**HIGH SCHOOL TEACHER HONORED****PRESENTED TO JESSICA SANDEL****JORDAN-MATTHEWS HIGH SCHOOL, SILER CITY, NORTH CAROLINA**

The 2016 Association of Southeastern Biologists Lucretia Herr Outstanding Biology Teacher Award was presented to **Jessica Sandel** of the Jordan-Matthews High School in Siler City, North Carolina at the 77th annual meeting of the Association in Concord, North Carolina, by the committee chair Dr. Erika Scooco Niland. This very prestigious award is sponsored by the ASB Enrichment Fund, and includes a plaque and a check for \$750.00

BIOGRAPHICAL SKETCH FOR JESSICA SANDEL

Jessica Sandel earned a B.S. degree in Biological Science at Rowan University in Glassboro, New Jersey. She taught in New Jersey for one year before moving to North Carolina.

Jessica is currently at the Jordan-Matthews High School in Siler City, North Carolina, where she is a Credit Recovery Biology teacher, a course load of the North Carolina Virtual Public School, Chair of the Science Department, and President of the PTA. She is also a National Board Certified teacher.

Jessica has received the North Carolina NABT Outstanding Biology Teacher award for the year 2015, and the teacher of the year award for the 2015-2016 school year from Jordan-Matthews High School.



Jessica Sandel (right) receives the 2016 ASB Lucrecia Herr Outstanding Biology Teacher Award from award committee chair Erika Scocco Niland.

2016 RESEARCH AWARD RECIPIENTS

ASB SENIOR RESEARCH AWARD

The ASB Senior Research Award, sponsored by ASB, was presented by award committee chair Michael E. Dorcas to **Steven J. Price**, Department of Forestry, University of Kentucky, Lexington, Kentucky, for his manuscript coauthored with Brenee I. Muncy, Andrea N. Drayer, Christopher D. Barton, and Simon J. Bonner, Department of Statistical and Actuarial Sciences and Department of Biology, University of Western Ontario, London, Ontario, entitled "Effects of mountaintop removal mining and valley filling on the occupancy and abundance of stream salamanders." The manuscript has been published in the *Journal of Applied Ecology*, 53:459-468, 2016.

Dr. Price gave an oral presentation on the same topic at the annual meeting, *SE Biology* Abstract 130, 63/3, page 294.

BIOGRAPHICAL SKETCH FOR STEVEN J. PRICE

Steven Price has been an active researcher and teacher for over 15 years. He received a B.S. and M.S. in Environmental Science (2000, 2003) from the University of Wisconsin-Green Bay and a Ph.D. in Biology from Wake Forest University (2011). Additionally, Dr. Price was employed as research coordinator, visiting faculty and postdoctoral research fellow in the Biology Department at Davidson College (2004-2012). Now an assistant professor in the Forestry Department at University of Kentucky, Dr. Price continues to conduct research on the ecology of aquatic and semi-aquatic animals with emphasis on applications to management and conservation. Dr. Price has authored over 70 peer-reviewed paper, book chapters, and one book; many of these publications include students as coauthors.



Steven J. Price (right) receives the ASB Senior Research Award from award committee chair Michael E. Dorcas.

ASB STUDENT RESEARCH AWARD

The ASB Student Research Award, sponsored by ASB Patron Member Martin Microscope Company, Easley, South Carolina, was presented by award committee member Christopher Gissendanner to **Annalee M. Tutterow**, Department of Biology, Davidson College, Davidson, North Carolina, for her manuscript coauthored with S. E. Pittman, G. J. Graeter, and M. E. Dorcas entitled "Variation in survivorship among North Carolina bog turtle populations." Manuscript has been submitted to *Copeia* and is in review.

Annalee gave an oral presentation at the annual meeting entitled "Landscape-level factors affecting bog turtle populations in North Carolina," *SE Biology Abstract* 77, 63/3, page 273.

BIOGRAPHICAL SKETCH FOR ANNALEE M. TUTTEROW

My name is Annalee Tutterow and I am a senior biology major at Davidson College near Charlotte, North Carolina. Over the past three years, I have led and participated in numerous research projects in the Davidson College Herpetology Lab, under the guidance of Dr. Michael Dorcas and Dr. Shannon Pittman. I am passionate about wildlife conservation, and particularly the application of modeling techniques to address ecological questions. For my undergraduate honor's thesis research, I focused on evaluating the demographic status of the federally threatened bog turtle in the southern U.S., and determining factors potentially affecting the persistence of the species. Next year I plan to continue pursuing my interests in herpetofauna conservation and management in graduate school, and eventually teach at the college/university level. The Davidson College Herpetology Lab has shaped my academic and professional aspirations and so I look forward to being able to mentor undergraduate students in the future and provide a similar research experience.



Annalee M. Tutterow (right) receives the ASB Student Research Award from award committee member Christopher Gissendanner.

ASB STUDENT ORAL PRESENTATION AWARDS

Awards, sponsored by ASB, in four categories were presented to each of four students by award committee co-chair Sharryse Henderson and committee member David Giles.

1. An award in Cell and Molecular Biology to **Taeler Dahm**, Department of Biology, Belmont University, Nashville, Tennessee, for her paper coauthored with Christopher E. Barton, entitled "p53 mediated regulation of CCNH in response to paclitaxel-induced mitotic stress," *SE Biology Abstract* 33, 63/3, page 256.
2. An award in Aquatic Biology to **Devin N. Kinney**, Department of Molecular Biology and Biochemistry, Wittenberg University, Springfield, Ohio, for his paper coauthored with Amber A. Burgett, entitled "Effects of Roundup and reduced hydroperiod on the behavioral response of *Hyla versicolor* tadpoles to predator," *SE Biology Abstract* 137, 63/3, page 297.

3. An award in Animal Biology to **Kathryn M. Greene**, Department of Biology, Davidson College, Davidson, North Carolina, for her paper coauthored with Shannon E. Pittman, and Michael E. Dorcas, entitled "The effects of conspecifics on burrow selection in juvenile spotted salamanders (*Ambystoma maculatum*)," *SE Biology Abstract* 78, 63/3, page 273.
4. An award in Microbiology to **Tyler Wilson**, Department of Biology, High Point University, High Point, North Carolina, for his paper coauthored with Patrick A. Vegueira, entitled "Synergistic effects of moxapine and B-lactam antibiotics against MRSA," *SE Biology Abstract* 146, 63/3, page 300.

ASB STUDENT POSTER PRESENTATION AWARDS

Awards, sponsored by ASB, in four categories were presented to each of four students by award committee co-chair Sharryse Henderson and committee member David Giles.

1. An award in Cell and Molecular Biology to **Maria A. Trujillo**, Department of Biology, High Point University, High Point, North Carolina, for her poster coauthored with Veronica A. Segarra, entitled "Mapping the sorting signals of the cytoplasmic domain of Atg27," *SE Biology Abstract* P38, 63/3, pages 350 and 351.
2. An award in Aquatic Biology to **Anna Lee Whitaker**, Department of Biology, Georgia Southern University, Statesboro, Georgia, for her poster coauthored with Alex Dye and J. Scott Harrison, entitled "The effect of female egg production on male mating behavior in the copepod *Tigriopus californicus*," *SE Biology Abstract* P115, 63/3, pages 380 and 381.
3. An award in Animal Biology to **Brian K. Bonville**, Department of Biology, Appalachian State University, Boone, North Carolina, for his poster coauthored with Ray S. Williams, entitled "Effects of genotype, environment and their interaction on leaf terpenes and the abundance of a specialist aphid in *Solidago altissima*," *SE Biology Abstract* P127, 63/3, pages 385 and 386.
4. An award in Microbiology to **Lyssa Y. Baker**, Department of Biological and Environmental Sciences, University of Tennessee, Chattanooga, Tennessee, for her poster coauthored with David K. Giles, entitled "Polyunsaturated fatty acids (PUFAs) impact antimicrobial peptide resistance in *Pseudomonas aeruginosa* and *Klebsiella pneumoniae* and cause reduced motility in *P. aeruginosa*," *SE Biology Abstract* P184, 63/3, page 410.

ASB GRADUATE STUDENT SUPPORT AWARDS

The following 15 graduate students received \$5,042 in support awards from ASB to attend the annual meeting in Concord, North Carolina. Selections were made by the ASB Graduate Student Support Awards Committee members Claudia Jolls (chair), Beverly Collins, and Matt Estep. These awards are sponsored by the ASB Silent Auction.

1. **Sean K. Binninger**, Department of Biology, Western Carolina University, Cullowhee, North Carolina. Advisor, Dr. Laura DeWald.
2. **Erin E. Fegley**, Department of Biology, East Carolina University, Greenville, North Carolina. Advisor, Dr. Claudia Jolls.
3. **Thomas G. Green**, Department of Biology, Western Carolina University Cullowhee, North Carolina. Advisor, Dr. Laura DeWald.
4. **Ashley M. Hawk**, Department of Biology, Western Carolina University, Cullowhee, North Carolina. Advisor, Dr. Laura DeWald.
5. **Jaclyn N. Inkster**, Department of Biology, East Carolina University, Greenville, North Carolina. Advisor, Dr. Claudia Jolls.
6. **Yianni P. Laskaris**, Department of Coastal and Marine Systems Science and Biology, Coastal Carolina University, Conway, South Carolina. Advisor, Dr. Christopher Hill.
7. **Philip D. Lowe**, Department of Biology, Valdosta State University, Valdosta, Georgia. Advisor, Dr. Richard Carter.
8. **Jennifer M. McKenzie**, Department of Forestry, University of Kentucky, Lexington, Kentucky. Advisor, Dr. Steven J. Price.
9. **Stephanie S. Momeni**, Department of Biology, University of Alabama, Birmingham, Alabama. Advisor, Dr. Noel Childers.
10. **Manina N. Osier**, Department of Biology, Georgia Southern University, Statesboro, Georgia. Advisor, Dr. Risa Cohen.
11. **Christopher J. Payne**, Department of Curriculum for Environment and Ecology, University of North Carolina, Chapel Hill, North Carolina. Advisor, Dr. Robert Peet.
12. **M. Taylor Perkins**, Department of Biology, Geology and Environmental Science, University of Tennessee, Chattanooga, Tennessee. Advisor, Dr. Hill Craddock.
13. **Adam J. Ramsey**, Department of Biological Sciences, University of Memphis, Memphis, Tennessee. Advisor, Dr. Jennifer Mandel.
14. **Ramhari Thapa**, Department of Biological Sciences, University of Memphis, Memphis, Tennessee. Advisor, Dr. Jennifer Mandel.

15. **Garrett L. Wilkerson**, Department of Biology, University of Louisiana, Monroe, Louisiana. Advisor, Dr. Kim Marie Tolson.



Five of the 15 graduate students who received support awards from ASB President Joey Shaw (far left).

ASB FIRST GENERATION UNDERGRADUATE STUDENT TRAVEL SCHOLARSHIPS

The following nine undergraduate students received \$2,000 in travel funds from ASB to attend the annual meeting in Concord, North Carolina. Selections were made by the ASB Committee on Human Diversity members Valarie Burnett (co-chair), Jay Bolin (co-chair), Alfredo Leon, and Loretta Adoghe. These awards are sponsored by the ASB Committee on Human Diversity.

1. **Malia D. Berg**, Department of Biology, Bridgewater College, Bridgewater, Virginia. Advisor, Dr. Tracy L. Deem.
2. **Melissa E. Encinias**, Department of Biology, James Madison University, Harrisonburg, Virginia. Advisor, Dr. Dean Cocking.
3. **Alexandria A. Gagne**, Department of Biology and Marine Science, Jacksonville University, Jacksonville, Florida. Advisor, Dr. John Enz.
4. **Morgan E. Kennedy**, Department of Ecology, Evaluation and Organismal Biology, Kennesaw State University, Kennesaw, Georgia. Advisor, Dr. Heather Sutton.
5. **Haley King**, Department of Biology, Catawba College, Salisbury, North Carolina. Advisor, Dr. Carmony L. Hartwig.
6. **Viridiana Mandujano**, Department of Biology, Catawba College, Salisbury, North Carolina. Advisor, Dr. Jay F. Bolin.

7. **Virginia Merida**, Department of Biology, Catawba College, Salisbury, North Carolina. Advisor, Dr. Carmony L. Hartwig.
8. **Karina Noyola-Alonso**, Department of Biology, Catawba College, Salisbury, North Carolina. Advisor, Dr. Jay F. Bolin.
9. **Michael A. Schoonover**, Department of Biology, Geology and Environmental Sciences, University of Tennessee, Chattanooga, Tennessee. Advisor, Dr. David K. Giles.

EUGENE P. ODUM AWARD

The Eugene P. Odum Award, sponsored by the Southeastern Chapter of the Ecological Society of America, was presented by award committee chair Christopher Adams to two recipients: (1) **Dennis D. Tarasi**, Department of Curriculum for the Environment and Ecology, University of North Carolina, Chapel Hill, North Carolina, for his paper entitled "Biotic and abiotic community changes with species invasions," *SE Biology Abstract* 2, 63/3, page 243; and (2) **Phoebe Cook**, Department of Biology, James Madison University, Harrisonburg, Virginia, for her paper coauthored with Idelle A. Cooper, Rebecca Rasmussen, Edward Hsieh, and Jonathann M. Brown, Department of Biology, Grinnell College, Grinnell, Iowa, entitled "No evidence for sexual selection on color dimorphism in *Megalagrion calliphya* Damselblies," *SE Biology Abstract* 119, 63/3, pages 289 and 290.



Dennis D. Tarasi (second from right) receives the Eugene P. Odum Award from committee chair Christopher Adams (far right). Emily Gillespie (far left) and Joey Shaw (second from left) add their congratulations.

ELSIE QUARTERMAN-CATHERINE KEEVER AWARD

The Elsie Quarterman-Catherine Keever Award, sponsored by the Southeastern Chapter of the Ecological Society of America, was presented by award committee chair Christopher Adams to **Alissa J. Brown**, Department of Biology, University of North Carolina, Chapel Hill, North Carolina, for her poster coauthored with Robert K. Peet and Peter S. White entitled "Does the spatial pattern of tree recruitment in temperate forests reflect a species' successional status?" *SE Biology* Abstract P263, 63/3, page 442.

THE NORTH CAROLINA BOTANICAL GARDEN AWARD

The North Carolina Botanical Garden Award, sponsored by the NCBG, Chapel Hill, North Carolina, was presented by award committee chair Johnny Randall to **Erin E. Fegley**, Department of Biology, East Carolina University, Greenville, North Carolina, for her paper coauthored with Claudia L. Jolls, entitled "Modeling herbivory to predict population viability of a rare, monocarpic perennial (pitcher's thistle)," *SE Biology* Abstract 127, 63/3, pages 292 and 293.



Erin E. Fegley (right) receives the North Carolina Botanical Garden Award from award committee chair Johnny Randall.

BOTANICAL SOCIETY OF AMERICA**SOUTHEASTERN SECTION STUDENT AWARDS IN PLANT SCIENCE**

The Botanical Society of America Southeastern Section Student Awards, sponsored by the SE Section of the BSA, presented two awards—one for best paper presentation and one for best poster. Both awards were presented by award committee chair Emily L. Gillespie.

1. Paper Presentation—to **Dennis D. Tarasi**, Department of Curriculum for the Environment and Ecology, University of North Carolina, Chapel Hill, North Carolina, for his paper entitled “Biotic and abiotic community changes with species invasions,” *SE Biology Abstract* 2, 63/3, page 243.
2. Poster Presentation—to **Alissa J. Brown**, Department of Biology, University of North Carolina, Chapel Hill, North Carolina, for her poster coauthored with Robert K. Peet and Peter S. White, entitled “Does the spatial pattern of tree recruitment in temperate forests reflect a species’ successional status?” *SE Biology Abstract* P263, 63/3, page 442.

SOUTHERN APPALACHIAN BOTANICAL SOCIETY AWARDS

Presented at the Annual SABS/BSA post-breakfast meeting on April 2, 2016.

Student Presentation Awards

The Student Presentation Awards were established to reward outstanding undergraduate or graduate student botanical presentations at the annual Association of Southeastern Biologists meeting. For 2016, awards were presented for the best student poster presentation and for best oral presentation. Each award includes an honorarium of \$300.

Oral presentation – **Peter Schafran** (Old Dominion University) – “Towards a Phylogeny of *Isoetes* in the Southeastern United States,” *SE Biology Abstract* 167, 63/3, pages 308 and 309. (Coauthored with Lytton J. Musselman; and Elizabeth A. Zimmer and W. Carl Taylor both of the Department of Botany, National Museum of Natural History, Washington, DC).

Poster presentation – **Nikolai Hay** (Appalachian State University) – “Preliminary Analysis of Genetic Diversity in *Geum radiatum* Suggests Inter-Population Diversity,” *SE Biology Abstract* P62, 63/3, page 360. (Coauthored with Zack E. Murrell and Matt C. Estep; Chris Ulrey, National Park Service, Blue Ridge Parkway, Asheville, North Carolina; and Gary Kauffman, National Forest Service, Asheville, North Carolina.)



Peter Schafran (left) receives the award for best student oral presentation from Kathy Mathews, President of SABS.

Earl Core Student Research Award

Dr. Earl Core was a major force in the founding of the Southern Appalachian Botanical Club in 1936. The annual Core Student Award was established by the society to provide financial assistance in support of student research projects in plant taxonomy, systematics, and ecology. This year two proposals were funded, each for \$500.

Eranga Wettewa (Mississippi State University) – For her proposal “EPIC markers for understanding evolutionary diversification in *Platanthera* (Orchidaceae).” Her research advisor is Dr. Lisa Wallace.

M. Taylor Perkins (University of Tennessee at Chattanooga) – For his proposal “Phylogeographic examination of *Castanea* Mill. (Fagaceae) morphotypes in the eastern United States.” His research advisor is Dr. Hill Craddock.



Eranga Wettewa (right) receives an award for her proposal from Kathy Mathews, President of SABS.



M. Taylor Perkins (left) receives an award for his proposal from Kathy Mathews, President of SABS.

Richard and Minnie Windler Award

The Richard and Minnie Windler Award was established in 1990 at the annual meeting of the SABS by Dr. Donald R. Windler of Towson University as a memorial to his parents. Two awards are now presented annually; first to the

author or authors of the best systematic botany paper and second for the best ecology or floristic paper, both published in *Castanea* during the previous year. Each award comes with a check for \$500.

The 2016 Richard and Minnie Windler Award winners for the best systematics botany paper published in *Castanea* during 2015 were

Systematics – Jessica L. Allen and James C. Lendemer

“*Japewiella dollypartoniana*, a new crustose lichen widespread in the Appalachian Mountains of eastern North America.” Their article was published in the March 2015 issue.

Ecology – Lauren F. Howard

“A quarter-century of change without fire: the high-elevation pitch pine community on Panther Knob, Pendleton County, West Virginia.” His article was published in the September 2015 issue.



Jessica L. Allen (left) receives the Richard and Minnie Windler Award for best systematics botany paper published in *Castanea* for herself and for coauthor James C. Lendemer from Kathy Mathews, President of SABS.



Lauren F. Howard (right) receives the Richard and Minnie Windler Award for best ecology paper published in *Castanea* from Kathy Mathews, President of SABS



Lauren F. Howard (center) is also congratulated by Charles Horn (right), President-elect of SABS.

Elizabeth Ann Bartholomew Award

The society annually presents the award in memory of Elizabeth Ann Bartholomew's untiring service to the public, to plant systematics, and to the organization. The award is presented to individuals who have also distinguished themselves in professional and public service that advances our knowledge and appreciation of the world of plants and their scientific, cultural, and aesthetic values, or exceptional service to the society.

Dr. Lytton Musselman. Lytton is well known for his research on *Isoetes*, edible plants, and parasitic plants. Numerous graduate students have worked under him and he has served as president of SABS. A detailed presentation of his accomplishments can be found in the September 2016 issue of *Castanea*.



Lytton Musselman (left) receives the Elizabeth Ann Bartholomew Award from Kathy Mathews, President of SABS.



Lytton Musselman expresses his appreciation on receiving the award and is also congratulated by Michael Baranski.

Student Travel Awards

Starting in 2016, SABS has supported graduate students attendance at the ASB meeting through travel awards. This year's grantees are **Sean Binninger, Cameron Byrd, Thom Green, Ashley Hawk, Cassandra Karlsson, and Adam Ramsey.**



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ASB EXECUTIVE COMMITTEE MEMBERS AT THE ANNUAL MEETING IN CONCORD, NORTH CAROLINA



Seated from left to right: Conley McMullen, James Caponetti, John Herr, Zack Murrell. Standing from left to right: Heather Dawn Wilkins, Edgar Lickey, Ashley Morris, William Ensign, Joey Shaw, Emily Gillespie, Christopher Fleming, Judy Awong-Taylor, Riccardo Fiorillo, and Christopher Havran.



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**ASB EXECUTIVE COMMITTEE MEETING
THURSDAY, MARCH 31, 2016**



From left to right: Christopher Havran, Judy Awong-Taylor, Joey Shaw, Edgar Lickey, Tracy Deem, James Caponetti, and John Herr.



Tracy Deem (seated) and Edgar Lickey.

**ASB EXECUTIVE COMMITTEE MEETING
THURSDAY, MARCH 31, 2016**



From left to right: James Caponetti, John Herr, Sharryse Henderson, Emily Gillespie, and Ashley Morris.



From left to right: Christopher Gissendanner, Erica Neiland, Christopher Brown, Riccardo Fiorillo (hidden), and Dawn Wilkins.

**SABS EXECUTIVE COUNCIL MEETING
THURSDAY, MARCH 31, 2016**



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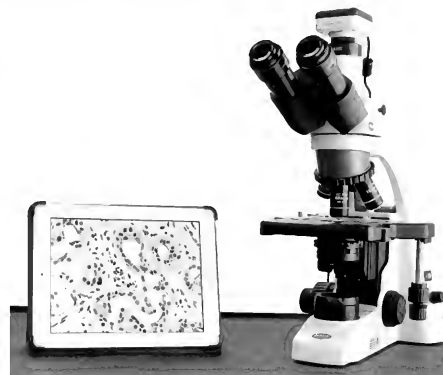


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**THE ASB PLENARY SESSION
THURSDAY, MARCH 31, 2016**

The Plenary Session was held in Concord rooms A, B, C, and D of the Embassy Suites Hotel. The session was opened by ASB President Dr. Joey Shaw at 7:30 P.M. EDT. The audience was welcomed by Dr. Joan Lorden, Provost of the University of North Carolina at Charlotte. Dr. Shaw then introduced the plenary speaker Dr. Reed F. Noss, Provost's Distinguished Research Professor, Davis-Shine Professor of Conservation Biology, and Pegasus Professor, Department of Biology, University of Central Florida, Orlando, Florida. The title of his talk was *Fire in the Evolutionary Environment of the Coastal Plain*.

**THE ASB PLENARY SESSION
THURSDAY, MARCH 31, 2016**



Dr. Joan Lorden (left) and Dr. Joey Shaw.



Dr. Reed Noss (left) and Dr. Joey Shaw.

**THE ASB PLENARY SESSION
THURSDAY, MARCH 31, 2016**



Dr. Reed Noss addressing the plenary audience.



The plenary audience.

THURSDAY EVENING PLENARY WELCOMING SOCIAL

THURSDAY EVENING PLENARY WELCOMING SOCIAL



From left to right: Claudia jolls, Patricia Parr, and Bonnie Kelly.



Patricia Parr (left) and Conley McMullen.

EXHIBITORS AT THE ANNUAL MEETING

Association of Southeastern Biologists, Inc.
From left to right: Ashley Morris, James Caponetti, John Herr, Terry Richardson,
Joey Shaw, and Christopher Havran.



Associated Microscope, Inc. Tim Thompson, Owner

EXHIBITORS AT THE ANNUAL MEETING



Carolina Biological Supply Company.



Martin Microscope Company (left) and Convirion.

EXHIBITORS AT THE ANNUAL MEETING

Discover Life in America.



I Dig Bio (left). Posing: Thomas Wentworth and Linda Rudd.

EXHIBITORS AT THE ANNUAL MEETING



Southern Appalachian Botanical Society (left). From left to right: Linda Rudd, Michael Held, and Charles Horn. eScience Labs is at the right.



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**FRIDAY SILENT AUCTION
ORGANIZED AND CONDUCTED BY "THE ASB SISTERS"**



From left to right: Diane Nelson, Patricia Parr, Kim Marie Tolson, Patricia Cox, and Eloise Carter



Selecting and bidding. Foreground from left to right: Randall Small and "sisters" Patricia Cox and Kim Marie Tolson.

**FRIDAY SILENT AUCTION
ORGANIZED AND CONDUCTED BY "THE ASB SISTERS"**



Selecting and bidding.



Selecting and bidding.

**FRIDAY SILENT AUCTION
ORGANIZED AND CONDUCTED BY "THE ASB SISTERS"**



Selecting and bidding. Charles Horn (left) and Ashley Morris in conversation.



Selecting and bidding. Zack Murrell (left) and Lytton Musselman in conversation.

FRIDAY ASB PAST PRESIDENTS POST-BREAKFAST MEETING

Zack Murrell presiding.



Past presidents.

**FRIDAY SOCIETY OF HERBARIUM CURATORS
SOUTHEASTERN CHAPTER LUNCHEON AND BUSINESS MEETING**



Ashley Morris presents a report.



Society members.

**FRIDAY SOCIETY OF HERBARIUM CURATORS
SOUTHEASTERN CHAPTER LUNCHEON AND BUSINESS MEETING**



Zack Murrell presents a report.



Society members.

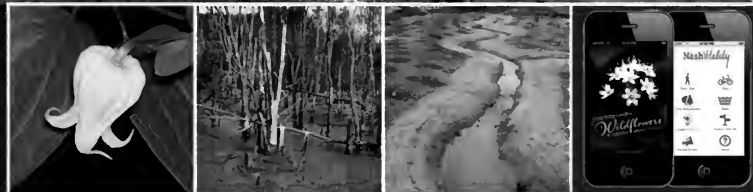
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FRIDAY BETA BETA BETA FIELD TRIP TO SEALIFE AQUARIUM**SATURDAY BETA BETA BETA JOINT BUSINESS MEETING**

Christi Magrath presiding.

**FRIDAY NIGHT ASB SOCIAL AT DISCOVERY PLACE
CHARLOTTE, NORTH CAROLINA**



**FRIDAY NIGHT ASB SOCIAL AT DISCOVERY PLACE
CHARLOTTE, NORTH CAROLINA**



**FRIDAY NIGHT ASB SOCIAL AT DISCOVERY PLACE
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**FRIDAY NIGHT ASB SOCIAL AT DISCOVERY PLACE
CHARLOTTE, NORTH CAROLINA**



Patricia Parr (left) and Charles Horn.



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Raceterphage Epsilon 15, Wei Chou, Ph.D.,
Baylor College of Medicine (top image)
Rabbit Retinal Cornea, some volume: Robert Mann, Ph.D.,
Mar. Lab. Moran Eye Center, Univ. of Utah (middle image)
Neuron, 20nm, tomography: Greg Ning, Ph.D.,
Penn State University College of Agricultural Sciences
(bottom image)



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SATURDAY SABS/BSA POST-BREAKFAST MEETING

SABS President Katherine Mathews presides and presents a report.



Emily Gillespie presents a report.

SATURDAY SABS/BSA POST-BREAKFAST MEETING



SABS Treasurer and President-Elect Charles Horn presents a report.



SABS Membership Secretary Michael Held presents a report.

SATURDAY SABS/BSA POST-BREAKFAST MEETING

SABS/BSA audience



Newly elected SABS President Charles Horn (right) accepts the gavel from now Past President Katherine Mathews.

SATURDAY ASB BUSINESS MEETING



President Joey Shaw presiding.



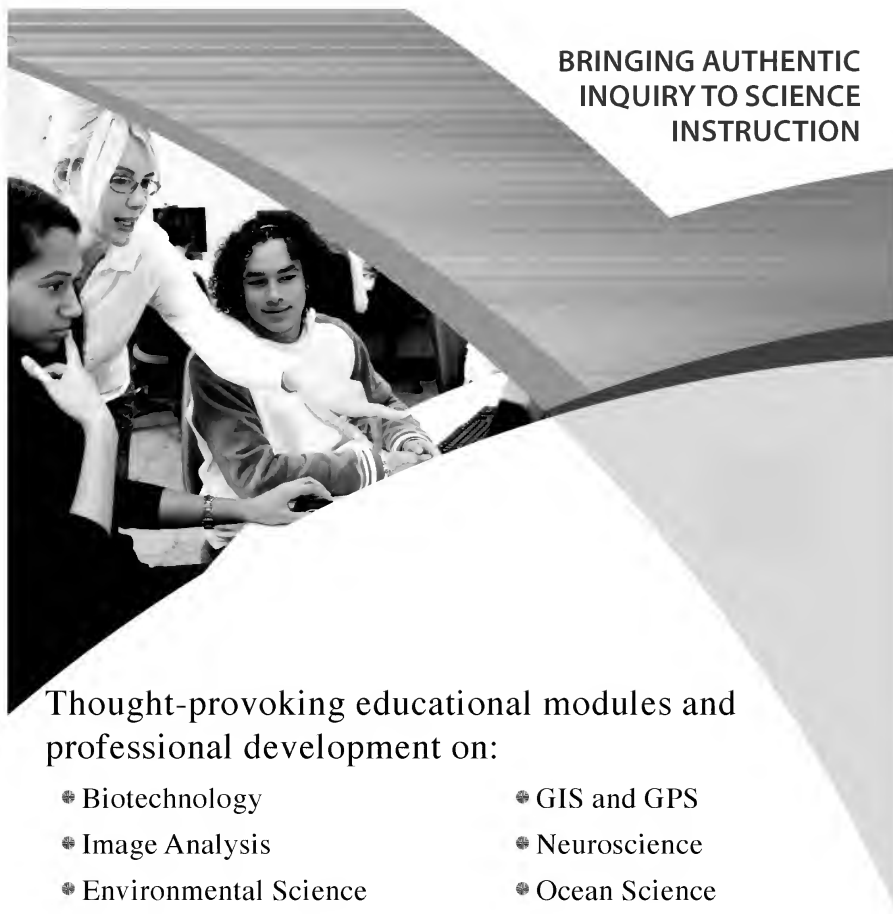
Meeting attendees.

SATURDAY ASB BUSINESS MEETING

Treasurer Edgar Lickey presents a report.



Past President Zack Murrell presents a report.



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SATURDAY SABS/BSA PAST PRESIDENTS HAPPY HOUR

From left to right: John Herr, Zack Murrell, and Lytton Musselman.



From left to right: Katherine Mathews, Michael Baranski, Michael Held, and Joseph Winstead.

SATURDAY SABS/BSA BOTANY STUDENTS RECEPTION



FRIDAY AND SATURDAY ASB PAPER PRESENTATIONS

FRIDAY AND SATURDAY ASB PAPER PRESENTATIONS



FRIDAY AND SATURDAY ASB PAPER PRESENTATIONS

FRIDAY AND SATURDAY ASB POSTER SESSIONS



FRIDAY AND SATURDAY ASB POSTER SESSIONS

Christopher P. Coggin—P148.



Brittany O. Culp—P149.

FRIDAY AND SATURDAY ASB POSTER SESSIONS



Mark A. Schlueter and Cathy Huynh in discussion with Christopher Havran (right)—P20.



Janay F. Franklin in discussion with Lafayette Frederick—P30

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SATURDAY NIGHT ASB AWARDS BANQUET



President Joey Shaw presiding.



Banquet attendees.

SATURDAY NIGHT ASB AWARDS BANQUET

Christopher Havran (left) and Judy Awong-Taylor.



From left to right: Zack Murrell, Sharryse Henderson, and Ashley Morris.

SATURDAY NIGHT ASB AWARDS BANQUET



From left to right: Chinyere Knight, Lafayette Frederick, and Antoinette Frederick.



From left to right: Antoinette Frederick, David Frederick, and Raymond Flagg.

SATURDAY NIGHT ASB AWARDS BANQUET

From left to right: Lucrecia Herr, John Herr, and Katherine Gardner.



Katherine Gardner and John Herr.

SATURDAY NIGHT ASB AWARDS BANQUET



From left to right: Raymond Flagg, James Caponetti, Ann Flagg, and Marilyn Caponetti.



From left to right: Shannon Oliphant-Gordon, Edgar Lickey, and Joey Shaw.

SATURDAY NIGHT ASB AWARDS BANQUET

From left to right: Lisa Ann Blankinship, Donald Roush, and Kathy Roush.



From left to right: Alexis Nystrom, Charles Horn, Edward Mills, and Brian Odom.

RESOLUTION OF APPRECIATION TO

DAVIDSON COLLEGE
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THE UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE
AND QUEENS UNIVERSITY OF CHARLOTTE
THE EMBASSY SUITES BY HILTON CHARLOTTE CONCORD GOLD
RESORT & SPA STAFF, AND
THE ORGANIZERS OF THE 77TH ANNUAL MEETING OF THE
ASSOCIATION OF SOUTHEASTERN BIOLOGISTS

WHEREAS, Davidson College, the Charlotte Teachers Institute, the University of North Carolina at Charlotte and Queens University of Charlotte did agree to host the Association of Southeastern Biologists during the 77th Annual Meeting on March 31 through April 3 2016 and

WHEREAS, the Annual Meeting Arrangement Committee co-chaired by Joey Shaw and Zack Murrell, and ASB Executive Committee Members Judy Awong-Taylor, Conley McMullen and Chris Havran worked with the Program Committee and

WHEREAS, Chris Brown and Rickey Fiorillo from Georgia Gwinnett College and Howie Neufeld from Appalachian State University, for assembling the program and submission of abstracts and Mark Suggs of Appalachian State University for assisting with program formatting; Sunny Fleming for planning field trips, Lee Sutton of East Carolina University, Robert Peet of UNC-Chapel Hill, Bruce Sorrie of UNC-Chapel Hill, Jay Bolin of Catawba College and Lytton Musselman of Old Dominion University, and Alan Weakley of the UNC Herbarium for leading the field trips; Chris Fleming of BDY Environmental for the creation of the program applications available for mobile devices; Christi Magrath of Troy University and Lee Sutton of East Carolina University for coordinating the activities of Beta Beta Beta, Ashley Morris of Middle Tennessee State University and Chris Fleming of BDY Environmental for their excellent work on the ASB web and social media pages, Judy Awong-Taylor and Chris Havran for organizing the volunteers; Patricia Cox, Kim Tolson, Patricia Parr, Bonnie Kelley, and Eloise Carter for organizing the silent auction; Bill Ensign, Emily Gillespie and Sharryse Henderson for coordinating the awards, Appalachian State University Convention and Camps Center for online and on-site registration; Ashley Morris for handling commercial exhibits and workshops; the staff of Discovery Place Charlotte for hosting the Friday Night ASB Social, Shannon Oliphant-Gordon of Experient for assisting with all aspects of meeting planning and execution, Nick Gonder, Jesse Harris, and Zach Irick for assisting the President; and the members of the ASB Executive Committee for all their efforts to make this meeting a success, and

WHEREAS, the affiliate societies TriBeta Southeastern District I, TriBeta Southeastern District II, Southeastern Section of the Botanical Society of America, Southeastern Chapter of the Ecological Society of America, Southeast Chapter of the Society of Herbarium Curators, and Southern Appalachian

Botanical Society, our patron members, BDY Environmental, Breedlove, Dennis & Associates, Inc., Carolina Biological Supply Company, Dwayne Wise, Martin Microscope Company and Southeastern Naturalist & Eagle Hill Foundation; and our exhibitors, Associated Microscopes, Carolina Biological Supply Company, Convirion, Discover Life in America, Electron Microscopy Sciences, eScience Labs, Highlands BioMed, LLC, iDigBio, Martin Microscopes, Microscope Solutions, Inc., Southern Appalachian Botanical Society, University of North Carolina Greensboro Biology Department, Medical Equipment Services, National Association of Biology Teachers, University of Tennessee Press, and Vashaw Scientific, Inc., were in attendance and contributed to paper and poster sessions, workshops, and symposia; and

WHEREAS, the citizenry of Concord, North Carolina cooperated to welcome the Association of Southeastern Biologists to the City of Concord; therefore, be it

RESOLVED, that the members of the Executive Committee of the Association of Southeastern Biologists give their sincere thanks and appreciation to all involved in making this an excellent and memorable Annual Meeting that resulted from the cumulative efforts of these individuals and organizations.



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ASB COMMITTEES 2016-2017

Representatives to Other Societies

AIBS – American Institute of Biological Sciences

Representative: Stephanie Songer, Department of Biology, North Georgia College and State University, Dahlonega, GA 30597; 706-864-1959; or 706-429-5379; Fax 706-867-2703; srsonger@ngcsu.edu.

BBB – Beta Beta Beta Biological Society

Southeastern District I Representative: Lee Sutton, Department of Biology, East Carolina University, Greenville, NC 27858; 252-328-5745; Fax 252-328-4178; suttonle@ecu.edu.

Southeastern District II Representative: Christi Magrath, Department of Biological and Environmental Science, Troy University, Troy, AL 36082; 334-670-3622; Fax 334-670-3626; cmagrath@troy.edu.

ASB Committees as of August 2016

Committee on Human Diversity – The Committee on Human Diversity shall promote career opportunities in the biological sciences for women, minorities, and individuals with disabilities and implement programs to eliminate barriers that restrict the access of underrepresented groups to biological careers. The committee shall consist of three members appointed for terms of 3 years, with a member appointed annually and serving as Chair in the third year.

- Jay Bolin – (jfbolin@catawba.edu) (Co-Chair 2016-2017)
Catawba College, Salisbury, NC
- Loretta Adoghe – (ovuerayeo@mybrcc.edu) (Co-Chair 2016-2018)
Baton Rouge Community College, Baton Rouge, LA
- Alfredo Leon – (aleon6@mdc.edu) (Co-Chair 2017-2019)
Miami Dade College, North Campus, Miami, FL
- Valarie Burnett – (valarie.burnett@newberry.edu)
Newberry College, Newberry, SC
- Veronica Sergarra – (vsegarra@highpoint.edu)
High Point University, High Point, NC
- Jeffrey Thomas – (thomasj@queens.edu)
Queens University of Charlotte, Charlotte, NC
- Baohong Zhang – (zhangb@ecu.edu)
East Carolina University, Greenville, NC

Conservation Committee – The Conservation Committee shall accumulate facts about environmental issues; shall, where it deems appropriate, disseminate such information to the membership; and shall bring resolutions addressing issues of significance to the Executive Committee for presentation to the membership through the Resolutions Committee. The committee shall consist of three members appointed for terms of 3 years, with a member appointed annually and serving as Chair in the third year.

- Mike Gangloff (gangloffmm@appstate.edu) – (Chair 2016-2017)
Appalachian State University, Boone, NC
- Johnny Randall (jrandall@email.unc.edu) – (Chair 2017-2018)
North Carolina Botanical Garden, Chapel Hill, NC
- Kim Hays (khays@daltonstate.edu) – (Chair 2018-2019)
Dalton State College, Dalton, GA

Education Committee – The Education Committee shall explore ways and means by which the Association might contribute to improved biological education at all levels. Where feasible, the committee shall organize symposia and workshops for the Annual Meeting designed to acquaint the membership with new pedagogy and critical issues in biological education. The committee shall consist of six members appointed for terms of 3 years, with two members appointed annually and serving as Co-Chairs in the third year.

- Holly Boettger-Tong (hboettger-tong@wesleyancollege.edu) – (Chair 2016-2017)
Wesleyan College, Macon, GA
- Stephen C. Richter (stephen.richter@eku.edu)
Eastern Kentucky University, Richmond, KY
- Bruce Kirchoff (kirchoff@uncg.edu)
University of North Carolina Greensboro, NC
- Chris Havran (havran@campbell.edu) – EC Liaison
Campbell University, Buies Creek, NC

Finance Committee – The Finance Committee shall review the finances of the Association, prepare budget projections for future years, and recommend actions regarding dues structure and other financial matters to the Executive Committee. The committee shall consist of the ASB Treasurer (Chair), Past President, President-Elect (or VP), and a member of the Executive Committee.

- Tracy Deem – ASB Associate Treasurer (tdeem@bridgewater.edu) –
Chair
Bridgewater College, Bridgewater, VA
- Ed Lickey – ASB Treasurer (elickey@bridgewater.edu)
Bridgewater College, Bridgewater, VA
- Zack Murrell – Past President (murrellze@appstate.edu)
Appalachian State University, Boone, NC
- Ashley Morris – ASB President-Elect (ashley.morris@mtsu.edu)

- Bill Ensign – ASB Vice President (bensign@kennesaw.edu)
Kennesaw State University, Kennesaw, GA
- Chris Gissendanner – EC liaison (gissendanner@ulm.edu)
University of Louisiana Monroe, Monroe, LA

Graduate Student Support Award Committee – The Graduate Student Support Award Committee shall make monetary awards to assist graduate students to attend the Annual Meetings of ASB. The committee shall consist of three members appointed for terms of 3 years, with a member appointed annually and serving as Chair in the third year.

- Beverly Collins (collinsb@email.wcu.edu) – (Chair 2016-2017)
Western Carolina University, Cullowhee, NC
- Matt Estep (estepmc@appstate.edu) – (Chair 2017-2018)
Appalachian State University, Boone, NC
- Jonas King (Jonas.king@mstate.edu) – (Chair 2018-2019)
Mississippi State University, Starkville, MS

John Herr Lifetime Achievement Award Committee – This prestigious award recognizes unusually significant contributions by its members to the life of the Association and to Biology in the Southeastern US.

- Tom Wentworth (tom_wentworth@ncsu.edu) – (Chair 2016-2017)
Former President, ASB
North Carolina State University, Raleigh, NC
- Pat Cox (pcox@utk.edu) – (Chair 2017-2018)
Former President, ASB
University of Tennessee, Knoxville, TN

Annual Meeting Arrangements Committee – The Annual Meeting Arrangement Committee shall assist the Meetings Coordinator in meeting audiovisual needs, arranging field trips, and managing the silent auction. The committee shall consist of the Meetings Coordinator as permanent chair, two members from the host institution, and three members appointed by the President for terms of 3 years, with one member appointed or reappointed annually.

2017 Meeting – Montgomery, AL:

- Joey Shaw – ASB President (joey-shaw@utc.edu) – (Co-Chair)
University of Tennessee at Chattanooga, Chattanooga, TN
- Ashley Morris – ASB President-Elect (ashley.morris@mtsu.edu) – (Co-Chair)
Middle Tennessee State University
- Bill Ensign – ASB Vice President (bensign@kennesaw.edu)
Kennesaw State University, Kennesaw, GA
- Peggy Kovach – EC liaison (margaret-kovach@utc.edu)
University of Tennessee at Chattanooga, Chattanooga, TN

- Ricky Fiorillo – EC liaison (rfiorill@ggc.edu)
Georgia Gwinnett College, Lawrenceville, GA

2018 Meeting – TBD:

- Ashley Morris – ASB President (ashley.morris@mtsu.edu) – (Co-Chair)
Middle Tennessee State University
- Joey Shaw – ASB Past President (joey-shaw@utc.edu) – (Co-Chair)
University of Tennessee at Chattanooga, Chattanooga, TN
- ASB Vice President 2017-2018 (to be elected)
- Emily Gillespie – EC liaison (gillespie@marshall.edu)
Marshall University, Huntington, WV
- Dawn Wilkins – EC liaison (hwilkins@utm.edu)
University of Tennessee at Martin, Martin, TN

2019 Meeting – TBD:

- Ashley Morris – ASB President (ashley.morris@mtsu.edu) – (Co-Chair)
Middle Tennessee State University
- President-Elect 2018-2019 (to be elected) – (Co-Chair)
- ASB Vice President 2018-2019 (to be elected)
- Chris Havran – EC liaison (havran@campbell.edu)
Campbell University, Buies Creek, NC
- Chris Gissendanner – EC liaison (gissendanner@ulm.edu)
University of Louisiana Monroe, Monroe, LA

Meritorious Teaching Award Committee – The Meritorious Teaching Award Committee may each year select for the award a member of the Association who has taught biology for at least ten years in any college or university represented in the Association and has been a member of the Association for at least ten years. The committee shall consist of three members appointed for terms of 3 years, with a member appointed annually and serving as Chair in the third year.

- Jennell Talley (jtalley@ggc.edu) – (Chair 2016-2017)
Georgia Gwinnett College, Lawrenceville, GA
- Bill Ensign (bensign@kennesaw.edu) – (Chair 2017-2018)
Kennesaw State University, Kennesaw, GA
- Claudia Jolls – Chair (jollsc@ecu.edu) – (Chair 2018-2019)
East Carolina University, Greenville, NC

Nominating Committee – The Nominating Committee shall, with due consideration of suggestions received from the membership, prepare a multiple slate of nominees for each office to be filled. The committee shall consist of three members, one of whom is a recent past president who shall serve as the Chair.

- Zack Murrell – Chair (murrellze@appstate.edu) – (Chair 2016-2017)
Appalachian State University, Boone, NC

- Ray Williams (willmsrs@appstate.edu)
Appalachian State University, Boone, NC
- Chris Havran (havran@campbell.edu)
Campbell University, Buies Creek, NC

Past Presidents Council – The Past Presidents Council, composed of the Past Presidents attending the Annual Meeting with the current Past President serving as Chair, shall review and discuss major issues under consideration by the Executive Committee and, where appropriate, shall share its consensus view with the Executive Committee on the resolution of these issues.

- Zack Murrell – (murrellze@appstate.edu) – (Chair 2015-2017)
Appalachian State University, Boone, NC

ASB Poster and Presentation Awards Committee – The Poster Awards Committee may each year select a recipient of the Association Poster Award for the meritorious presentation of original research by members at the Annual Meeting. The committee shall consist of six members appointed for terms of 3 years, with a member appointed annually and serving as Co-Chairs in the third year. One poster award and one presentation award will be given out for each of the following categories: Cell and Molecular Biology, Aquatic Biology, Animal Biology, and Microbiology.

- Emily Gillespie (gillespiee@marshall.edu) Chair – 2016-2017
Marshall University, Huntington, WV
- David K. Giles (david-giles@utc.edu) Co-Chair – 2017-2018
University of Tennessee-Chattanooga, Chattanooga, TN
- Mark Schorr (mark-schorr@utc.edu) Co-Chair – 2017-2018
University of Tennessee-Chattanooga, Chattanooga, TN
- Andrew Coleman (andycoleman@birminghamaudubon.org)
Birmingham Audubon Society, Birmingham, AL
- Christine May (maycl@jmu.edu)
James Madison University, Harrisonburg, VA
- Gary Morris (gary.morris@glennville.edu)
Glennville State College, Glennville, WV

ASB and Affiliate Awards Coordinating Committee – This committee shall coordinate the reporting of all final judging decisions across awards offered by the Association and its Affiliates at the annual meeting.

- Emily Gillespie (gillespiee@marshall.edu) Chair – 2016-2017
Association of Southeastern Biologists
Marshall University, Huntington, WV
- Johnny Randall (jrandall@email.unc.edu)
North Carolina Botanic Garden
- Charlie Horn (charles.horn@newberry.edu)
Southern Appalachian Botanical Society
Newberry College, Newberry, SC

- Malia Fincher (rmfinche@samford.edu)
Southeastern Section of the Ecological Society of America
Samford University, Birmingham, AL
- Chris Havran (havran@campbell.edu)
Southeastern Section of the Botanical Society of America
Campbell University, Buies Creek, NC

Publications Committee – The Publications Committee shall provide oversight of the Association's publications, consider requests for special publication activities, and recommend any alteration of publication policy to the Executive Committee for approval and subsequent approval by the membership. The committee shall consist of three of the Members-at-Large of the Executive Committee and the Editor (ex officio).

- Riccardo Fiorillo (rfiorill@ggc.edu) – (Chair 2016-2017)
Georgia Gwinnet College, Lawrenceville, GA
- Emily Gillespie (gillespiee@marshall.edu)
Marshall University, Huntington, WV – (Chair 2017-2018)
- Chris Havran (havran@campbell.edu) – (Chair 2018-2019)
Campbell University, Buies Creek, NC
- Jim Caponetti – Ex-Officio, Print Editor (jcaponet@utk.edu)
University of Tennessee, Knoxville, TN
- Ashley B. Morris – Ex-Officio, Web Editor (ashley.morris@mtsu.edu)
Middle Tennessee State University, Murfreesboro, TN

Resolutions Committee – The Resolutions Committee shall formulate and, with approval of the Executive Committee, present to the membership such resolutions as may be considered worthy of action by the Association. The committee shall be served by the Past President as Chair and two additional members with terms of 1 year.

- Zack Murrell – Chair (murrellze@appstate.edu)
Appalachian State University, Boone, NC

Senior Research Award Committee – The Senior Research Award Committee may each year select a recipient of the Association Senior Research Prize for the meritorious presentation of original research by a member (student members excluded) at the Annual Meeting. The committee shall consist of three members appointed for terms of 3 years, with a member appointed annually and serving as Chair in the third year.

- Matt Heard (matthew.heard@belmont.edu) – (Chair 2016-2017)
Belmont University, Nashville, TN
- Jennifer Mandel (jmandel@memphis.edu) – (Chair 2017-2018)
University of Memphis, Memphis, TN
- Steven Price (steven.price@uky.edu) – (Chair 2018-2019)
University of Kentucky

Student Research Award Committee – The Student Research Award Committee may each year select the recipients of the Association Student Research Prizes for the meritorious presentation of original research by a student member at the Annual Meeting. The committee shall consist of three members appointed for terms of 3 years, with a member appointed annually and serving as Chair in the third year.

- Chris Gissendanner (gissendanner@ulm.edu) – (Chair 2016-2017)
University of Louisiana at Monroe, Monroe, LA
- John Quinn (john.quinn@furman.edu)
Furman University, Greenville, SC
- Jennifer Hancock (jhancock@marybaldwin.edu)
Mary Baldwin University, Staunton, VA

Ad hoc Program Committee – The ad hoc Program Committee shall collate the abstracts and develop the Program for the current year's meeting. The committee shall consist of the three (3) members appointed for terms of three (3) years, with one a member appointed annually unless the committee decides to stay together.

- Howie Neufeld – Co-chair (neufeldhs@appstate.edu)
Appalachian State University, Boone, NC
- Riccardo Fiorillo – Co-chair (rfiorill@ggc.edu)
Georgia Gwinnett College, Lawrenceville, GA
- Christopher Brown (cbrown37@ggc.edu)
Georgia Gwinnett College, Lawrenceville, GA

Ad hoc Exhibitors Committee – To develop pricing and advertising strategy to attract exhibitors and potential employers to the exhibit hall.

- Ashley Morris (ashley.morris@mtsu.edu) – (Chair 2016-2017)
Middle Tennessee State University
- Dawn Wilkins (hwilkins@utm.edu) – (Chair 2017-2018)
University of Tennessee Martin, Martin, TN
- Tom Blanchard (tblanch@utm.edu) – (Chair 2018-2019)
University of Tennessee Martin, Martin, TN
- Sharryse Henderson (shenders@highlands.edu)
Georgia Highlands College, Cartersville, GA

2017 Meeting of the Association of Southeastern Biologists

CALL FOR PAPERS

THE 78th ANNUAL MEETING OF

THE ASSOCIATION OF SOUTHEASTERN BIOLOGISTS

Featured Institutions:

Alabama State University, Montgomery, Alabama

Troy University, Troy, Alabama

Location: Renaissance Montgomery Hotel and Spa,
Montgomery, Alabama

Dates: March 29 – April 1, 2017

ABSTRACTS WILL BE ACCEPTED FROM

MONDAY, 5 DECEMBER 2016 UNTIL

SUNDAY, 22 FEBRUARY 2017

Please note that the abstract deadline is FIRM. Abstracts submitted after the cutoff date will not make it into the official printed program. We have been lenient with this deadline in the past, but we need this firm deadline to make sure we have enough time to create the program and get it printed by the time of the meeting. Thanks for understanding.

Abstract Submission Details

Submit abstracts online via the link on the ASB website (<http://www.sebiologists.org/>).

Student presenters MUST have their abstracts approved by their advisors PRIOR to submitting. There will be a box to check on the submission form for students to acknowledge that they have permission from their advisor to submit.

Student presenters should also include their advisors as co-authors on their presentations unless circumstances dictate otherwise (e.g. research was done without any assistance or advice from advisor).

Your abstract should be 300 words or less. We recommend that you create your abstract using a word processor or plain text editor and then paste it into the appropriate field in the abstract submission program. Alternatively, you can type the abstract directly into the text box of the abstract submission program, where you can insert special characters if needed. Specific formatting instructions will be included on the abstract submission website. We have updated our submission categories, including adding a new one on Anatomy and Physiology. Once the abstract submission program opens, you can check out our revised subject categories. Please tell your colleagues about these changes.

You may nominate your research for one or more appropriate awards sponsored by our Association and affiliates. **PLEASE READ THE INSTRUCTIONS AND DESCRIPTIONS OF EACH AWARD CAREFULLY.** Individuals not meeting the qualifications of an award or not following the nomination process may be disqualified. Furthermore, nominating yourself for awards for which you do not meet the qualifications places a lot of extra work on ASB volunteers.

Preliminary Presentation Instructions

* **Oral presentations** are allotted 15 minutes (12 for talk, 3 for questions) and slides must be in PowerPoint format on a USB memory drive.

* **Posters** should fit into a 46" x 46" space and will be displayed for an entire day (Friday or Saturday). Poster presenters should be prepared to stand by their posters for a designated one hour period on either Friday or Saturday, am or pm.

Presenters will be notified of the day and time of their presentation in mid-March and will be scheduled according to topic preferences and date of abstract submission. If you must have a specific time or day for your presentation, please indicate so in the comment section of the abstract submission program.

If you have any questions please contact the Program Chair, Dr. Howard Neufeld at: neufeldhs@appstate.edu; tel: 828-262-2683.

Plenary Speaker

Dr. Lafayette Fredrick

Fellow, and Lifetime Mentor Award, American Association for the Advancement of Science
 Lifetime Achievement Award, NSF Education and Human Resources Directorate
 Lifetime Achievement Award, Association of Southeastern Biologists
 Meritorious Teaching Award, Association of Southeastern Biologists
 Distinguished Alumni Merit Award, Tuskegee Institute

Impact of ASB on the Development of Minority Biologists from the Southeast

Wednesday, March 29 • 7:30 PM – 9:00 PM • Alabama AB

Dr. Frederick was born in Dog Bog, Mississippi, but grew up on cotton farms in SE Missouri. His early education was in a one-room schoolhouse where his father taught and his experiences on the farm and in the nearby woods sparked his interest in nature. He entered the Tuskegee Institute to study technical agriculture and was introduced to Botany. Dr. Fredrick earned his B. S. degree in Biology in 1943 and then joined the Navy and was stationed in Pearl Harbor, HI. After WW2, he studied native plants at the University of Hawaii, and later, went on to earn a M.S. in Botany from the University of Rhode Island and a PhD in Plant Pathology and Botany from Washington State University. He has held numerous postdoctoral positions: Cornell University, University of Illinois and University of Michigan and academic positions at Southern University, Atlanta University, Howard University, and Tuskegee University. In a time of racial segregation he was successful and worked tirelessly to introduce young African Americans to the field of science. He joined ASB in 1955 but was not allowed to attend the meeting until 1958 where he presented his first paper. He has attended almost every annual meeting since and brought many students with him to present papers and posters. Dr. Fredrick has served ASB as President, Vice President, Executive Committee member, Local Arrangement Committee, and has also received the ASB Meritorious Teaching Award. When asked what he was most proud of in his work, Dr. Fredrick responded: "The opportunity I have had to be a mentor for many outstanding students that have had distinguished careers in their fields of endeavor as professional scientists, academic administrators, corporate executives, and educators; and to have assisted them in developing their talents, elevating their horizons, and in overcoming barriers." Dr. Fredrick has been and continues to be an inspiration to us all.



Montgomery 2017 – Symposia and Workshops

ASB 2017 Symposia

- **Advancing herbaria in the age of digitization**

Organizers Wendy Zomlefer (University of Georgia) and Richard Carter (Valdosta State University)

There is a great need for more regular professional development opportunities for new and experienced curators. The Society of Herbarium Curators, at the national level, has made great strides in ensuring that botanists have access to presentations about herbaria, especially on topics concerning proven strategies that can be replicated beyond one institution. We propose to continue this successful program via a symposium at ASB 2017, with presentations that provide new ideas for increasing the broader impact of herbaria, with focus on demonstrating the value of collections. We have assembled some of the successful speakers from Botany 2016 and other venues for our ASB constituents that include curators and non-curators, as well as students and early-career botanists. This panel of invited speakers, from a range of institution types, will share their successes and advice for proactively managing herbaria in this era of difficult internal and external support. Attendees will hear about several ways that our natural history collections impact formal education, public outreach and service to the biological sciences. Our hope is that these presentations will inspire others to expand their own leadership and opportunities and will share these insights at the local level. In addition, these models will promote increased use of biodiversity collections in research and teaching. Promoting the value of biodiversity collections to administrators and other professionals, non-scientists, and the public at large ensures collections preservation into the future.

- **Space and time in southeastern ecosystems: ESA SE Chapter new research symposium**

Organizers Julie Tuttle (UNC Chapel Hill) and Alan Wilson (Auburn University)

From the Appalachians east to the Atlantic, south to the Gulf, and west to the Mississippi River, the southeastern U.S. includes parts of 12 ecoregions (EPA Level III), encompassing high ecosystem diversity that reflects spatial variation in geology, topography, and climate. Disturbance patterns vary across the region as well – from periodic hurricanes that track inland from the coast; to natural and prescribed fire in forests of the coastal plain, piedmont, and inland plateau; to landslides, ice storms, and insect outbreaks in the mountains – and combine with changing land use, species invasions, and climate change to further influence ecosystem diversity and dynamics. This symposium features new research across space and time in southeastern ecosystems, highlighting the rich array of ecological questions and approaches generated by this complex region. Presentations will encompass a range of ecological systems and issues, including spatial patterns of biodiversity; mountain forest dynamics; long-term fire history; seed dispersal under climate warming; narratives of deforestation; land

cover and stream quality; nutrient enrichment in freshwater systems; cross-scale effects in coastal systems; sea level rise and plant community disassembly; succession in metacommunities; herpetofaunal occupancy modeling; and more.

- **PULSE**

Organizers Judy Awong-Taylor (Georgia Gwinnett College) and Chris Finelli (UNC Wilmington)

The Partnership for Undergraduate Life Sciences Education (PULSE) is a national initiative developed by leaders at NSF, HHMI, and NIGMS designed to inspire whole departments to undertake the types of reforms called for in Vision and Change in Undergraduate Biology Education: A Call to Action. The second summer Southeast Regional PULSE (SERP) Institute was held in June, 2016 at Wofford College and was attended by a diverse spectrum of institution types. Twenty new teams participated in the three-day Institute. In addition to the new teams, seventeen of the twenty institutions that attended the first SERP Institute in 2014 attended and participated in this Institute. Participants attended a diversity of workshops and sessions and developed a plan of action to target improvements to their programs. This morning's session is a poster discussion session in which the teams will share the progress, challenges, and insights from their work since the June Institute. As part of our IRB for this work, this session is by invitation only in order to collect data on the project's progress and ensure frank and open discussion among teams. Posters from this session will also be presented during the general ASB Poster Sessions. ASB members are strongly encouraged to stop by to learn what these institutions are doing and discuss how PULSE and the SERP institutions can inspire their own departments to implement the recommendations of Vision & Change.

- **2nd Annual Southeastern Symposium on Zebrafish Development and Genetics**

Organizer Ted Zerucha (Appalachian State University)

Following the successful inaugural ASB Zebrafish Symposium at the 2016 ASB Annual Meeting, we will hold the 2017 ASB Zebrafish Symposium as part of the 2017 ASB Annual Meeting. In the last 20-25 years zebrafish has emerged as a major model system to address questions related to Developmental, Cell and Molecular Biology and has also become a useful teaching tool in the classroom. This symposium is an opportunity for zebrafish scientists in all fields of study from the south east to meet, share ideas and form potential collaborations. The symposium will have opportunities for PI and advanced graduate students to give oral presentations and will also feature a poster session.

ASB 2017 Workshops

- **Improving Scientific Communication: Crafting Your Message**

Thursday 8:00AM – 12:00 PM in Montgomery 6

Organizer Bruce Kirchoff (UNC Greensboro)

We live in a post-truth era, a time where truth is not just relative but manufactured to serve political ends. How can we as scientists, as people who believe that our knowledge has been hard-won and is closer to the truth than any other, convey this truth to others in a post-truth world? We will use traditional storytelling techniques to address this question and improve our presentations. After a brief introduction, participants will have the opportunity to work on their presentation, present an abbreviated version, and receive feedback. This is a hands-on workshop. Please bring your computer and the PowerPoint slides for your conference talk to the workshop. In addition to preparing your slides, think about what single image would convey the essence of what you want your audience to take away from your talk. Attendance limited to the first 12 attendees.

- **HHMI Biointeractive**

Thursday 2:00PM – 5:00PM in Montgomery 6

Organizer Brenda Royal

HHMI Biointeractive is a storehouse of resources for biology educators at all levels. The programs of Biointeractive provide engaging, cutting edge science with activities, videos, data analysis, interactives and online labs that connect students to content in a meaningful way. This workshop will provide biology educators with materials to teach the four Big Ideas of AP Biology: evolution, energy, information, and system interactions. Educators will also be introduced to the plethora of materials available through the HHMI Website that are free. Teachers will walk away with lessons in four major areas of biology that can be used the next day in class, including all materials necessary to make them engaging and content rich. A large number of students attending are transitioning from ideals of post-graduate programs to career decisions. The role of science educators cannot be overstated in preparing biologists of the future. This presentation is aimed at current educators, as well as those considering education, as a source of new ideas for the presentation of science to biology students at all levels.

- **Improving Scientific Communication: Adding Enthusiasm to Your Presentation**

Friday 8:00AM – 12:00PM in Montgomery 6

Organizer Bruce Kirchoff (UNC Greensboro)

Drawing inspiration from The Alan Alda Center for Communicating Science, we will use playful techniques to add enthusiasm to our scientific presentations. Adding enthusiasm is the single easiest thing you can do to improve your presentations. Participants will come away from this workshop having laughed a

lot, and with increased confidence in their ability to connect with their audience. This is a hands-on workshop. No advance preparation is necessary. Attendance limited to the first 15 attendees.

- **Southeastern Regional PULSE Institutes: Inspiring department level transformation of life sciences undergraduate education**

Friday 2:00PM – 3:30PM in Alabama B

Organizers Chris Finelli (University of North Carolina Wilmington), Karen Aguirre (Coastal Carolina University), Judy Awong-Taylor (Georgia Gwinnett College), Jung Choi (Georgia Institute of Technology), Ellen S. Goldey (Florida Atlantic University), and Mary Smith (North Carolina A&T)

The Partnership for Undergraduate Life Sciences Education (PULSE) has a strong regional presence in the Southeast. In this workshop, the Southeast Regional PULSE (SERP) leadership will share insights on how the SERP Summer Institutes of 2014 and 2016 have inspired teams of faculty and administrators from diverse intuitions to re-envision and change their department's approach to undergraduate biology education. Workshop participants will engage with the topics that have emerged as foci for change among the majority of SERP teams: 1) incorporating CUREs (Course-based Undergraduate Research Experiences) into the curriculum and 2) strategies for developing students' cognitive and metacognitive skills. Facilitators will share successes and strategies for overcoming barriers to reform based on the experiences of the diverse institutions that have participated in the SERP Summer Institutes.

- **Southeast Regional Network of Expertise and Collections (SERNEC)**

Saturday 8:00AM – 2:00PM in Riverview 1

Organizer Zack Murrell (Appalachian State University)

The SERNEC all-day workshop will have two goals. One goal is to provide a training session for students and faculty that want an overview of herbarium curation, examining current best practices from plant collecting to digitization and georeferencing. This will be appropriate for beginners or those seeking a primer on recent changes in best practices. A second goal is to provide an update on current opportunities to involve students and volunteers in transcription and georeferencing projects. This will be of particular interest to those that want to add museum informatics projects to their classrooms or to engage native plant, conservation and gardening groups in our regional herbarium efforts. Students, faculty and professional biologists are encouraged to attend. Coffee breaks and lunch will be provided.

Patrons of ASB

Associated Microscope, Inc.
(800-476-3893) Elon, NC
www.associatedmicroscope.com

BDY Environmental
(615-460-9797) Nashville, TN
www.bdy-inc.com

Breedlove, Dennis & Associates, Inc.
(407-677-1882) Winter Park, FL
www.bda-inc.com

Carolina Biological Supply Company
(800-334-5551) Burlington, NC
www.carolina.com

Dwayne Wise, PhD
(662-325-7579) Starkville, MS
daw1@ra.msstate.edu

Martin Microscope Company
(864-242-3424) Easley, SC
www.martinmicroscope.com

Affiliate Organizations Meeting with ASB in 2017

**Beta Beta Beta (β β β)
Southeastern District I**

Dr. Lee Sutton
Department of Biology
S119 Howell Science Complex
East Carolina University
Greenville, North Carolina 27858
Phone: 252-328-5745;
Fax: 252-328-4178
Email: suttonle@ecu.edu

**Beta Beta Beta (β β β)
Southeastern District II**

Dr. Christi Magrath
Dept. of Biological & Environmental
Science
Troy University
Troy, AL 36082
Tel: 334-670-3622
Email: cmagrath@troy.edu

**Botanical Society of America
Southeastern Section**

Dr. Emily Gillespie
Department of Biological Sciences
Marshall University
Huntington, WV 25755
Phone: 304-696-6467
Email: gillespiee@marshall.edu

**Ecological Society of America
Southeastern Chapter**

Dr. David Vandermast
Department of Biology
Elon University
Elon, NC 27244
Phone: 336-278-6171
Email: dvandermast@elon.edu

Society of Herbarium Curators

Andrea Weeks, President
Associate Professor and Director,
Ted R. Bradley Herbarium
George Mason University
Department of Biology
Fairfax, VA 22030
Phone: 703-993-3488;
Fax: 703-993-1046
Email: aweeks3@gmu.edu

**Southern Appalachian Botanical
Society**

Dr. Katherine Mathews
Associate Professor
Director of WCU Herbarium
Department of Biology
Western Carolina University
Cullowhee, NC 28723
Phone: 828-227-3659
Email: kmathews@email.wcu.edu



Please donate to the Silent Auction!!

The silent auction was a huge success the past two years. With **YOUR HELP**, we raised over \$8,500 for the Student Support Awards in the past two years. This fund was established in 2006 to help defer costs for Graduate Student members presenting papers or posters during the ASB Annual Meeting. Since the fund was created, many students have benefited from these awards.

In order to surpass the amount we raised in past years, we need **Your Help** again this year in Montgomery, Alabama, the site of the Annual ASB Meeting, March 29-April 1, 2017. The donated items can be books, to handcrafts, to memorabilia, to nature photography, to t-shirts or anything else you think appropriate. Some examples of the recent bestselling items are gift baskets, gift cards, nature books, jewelry, wine or any adult beverage and unique gifts.

- If you have an item you would like to donate to the Silent Auction, please contact Patricia Cox at pcox@utk.edu so we can add your item to our list.
- If you are unable to attend, please mail (via US Postal Service) your item to Patricia B. Cox before Friday, March 24 at:

**Patricia B. Cox
3601 Garden Dr.
Knoxville, TN 37918**

- If you are attending the meeting, please bring your item to the Silent Auction Area in the Exhibit Hall before 10:00 AM on Thursday, March 30, and one of the committee members will be available to receive it.

We want to thank you in advance for participating in this worthwhile event. If you have any questions, please feel free to contact one of the Committee Members below:

Patricia Cox -- pcox@utk.edu

Kim Marie Tolson -- tolson@ulm.edu

Pat Parr -- pdptn@aol.com

Eloise Carter -- ecarter@learnlink.emory.edu

Bonnie Kelley -- bonnie.kelley@uncp.edu

Diane Nelson -- janddnelson@yahoo.com



Silent Auction

_____ Yes, I would like to contribute to the Silent Auction to help with student support to the Annual Meeting.
(100% of all proceeds to benefit student support).

Examples of Previous Submitted Items

Dissection Set
Corporate Gift Certificates
Frog Model
Dinner for Two
Two Nights Hotel Accommodations
Books
Charts
Wine Gift Basket
Educational Charts
Microscope
Books

Description of item(s) to be donated:

Please check appropriate option:

_____ Please contact me at the convention to pick up donation.

_____ I will mail donation to Patricia B. Cox, 3601 Garden Drive, Knoxville, TN 37918; 865-632-3609; pcox@utk.edu.


Signature

Date

phone

Title

e-mail

Return Silent Auction form Patricia B. Cox, 3601 Garden Drive, Knoxville, TN 37918; 865-632-3609; pcox@utk.edu. 

Workshop Form

2017 Association of Southeastern Biologists
March 29-April 1, 2017, Montgomery, Alabama

Workshop Description: All commercial workshops will be conducted during the meeting on a first-come first-served basis. Classroom style seating will be provided at no additional charge to the presenter. Each classroom will be set for a minimum of 50 participants. A screen will be provided for each room. **LCD projectors and laptops will not be provided. One workshop per application please.**

Company/Organization _____

(Please list company name as you wish it to appear on printed materials)

Presenter _____ Email _____

Address: _____

Contact Address: _____

Telephone: _____ Fax: _____

Web site: _____

Workshop Title: _____

50-Word Workshop Description: _____

(Description will appear in Final Program of *Southeastern Biology*)

Please indicate which time slot you prefer below:

Pre-Conference Workshop: Wed., 4pm-5:30pm _____

Thu., 8:30am-10am _____ Tue., 10:30am-12noon _____ Thu., 1:30pm-3pm _____

Thu., 3:30pm-5pm _____ Fri., 8:30am-10am _____

Deadline for workshop submission is 31 October 2016


Hold Harmless Clause

The workshop presenter assumes all responsibility and liability for losses, damages and claims arising out of injury to the presenter's display, equipment and other property brought upon the premises of the convention facilities and shall indemnify and hold harmless the association agents, servants and employees as well as the ASB organization from any losses, damages and claims.

Upon acceptance by ASB, this signed application and Workshop Contract form becomes the contract for the 2017 ASB Annual Convention. Workshop presenter will be notified of their acceptance by letter no later than 15 Dec 2016.

Signature _____

Date _____

Return form by **October 30, 2016** to: Joey Shaw, Dept. of Biological and Environmental Sciences, University of Tennessee, Chattanooga, TN 37403; (423) 425-4344; joey-shaw@tuc.edu. 

Industry Partners Form

2017 Association of Southeastern Biologists
March 29-April 1, 2017, Montgomery, Alabama

 Yes I Would Like to Partner with ASB and Participate
In the Industry Partners Program!!

Send no money now, please complete form and return to address shown below

Company/Organization _____
(Please list company name as you wish it to appear on printed materials)

Representative: _____ Email _____

Address: _____

City, State, Zip: _____


Telephone: _____ Fax: _____

*Special Recognition at the Thursday Night Social, Friday Night Awards Banquet, signage at the Convention Center and a listing in Final Program of *Southeastern Biology*!

Qty	Item	Amount
_____	Wed. Night Cash Bar (4 Opportunities)	\$500/opportunity
_____	Coffee Breaks (8 Opportunities)	\$500/opportunity
_____	Cyber Café & Marketing Survey	\$750/opportunity
_____	Thursday Night Social (4 Opportunities)	\$900/opportunity
_____	Friday Night Banquet Cash Bar	\$850
_____	Yes, I wish to present a workshop	See Workshop Form
_____	24-Hour Exhibit Hall Security	\$1,000
_____	ASB Executive Committee Breakfast	\$350
_____	Yes, I would like to Donate an Item to the Silent Auction to help with Student Travel	See Silent Auction Form
_____	ASB Web Site Hot Link to Your Company (12 months)	\$375
_____	Yes, I would like an AD in all 4 2016 issues of <i>Southeastern Biology</i> (circle choice)	See Advertising Form
	1/4 page=\$200, 1/2 page=\$325, full page=\$425	
_____	AD in Final On-Site Program (circle choice)	See Advertising Form
	1/4 page=\$175, 1/2 page=\$225, full page=\$275	

Signature _____ Date _____

Title _____ e-mail _____

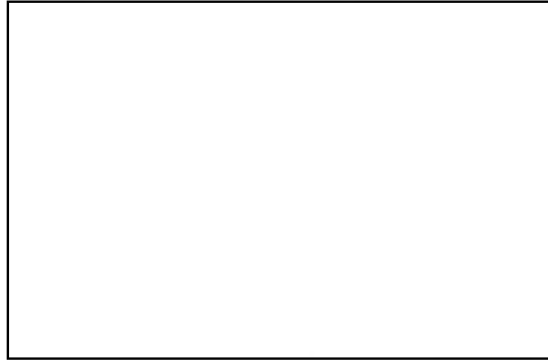
Return Form by **January 1, 2017** to: Ashley Morris, Department of Biology, Middle Tennessee State University, Murfreesboro, TN 37132; amorris.mtsu@gmail.com. 



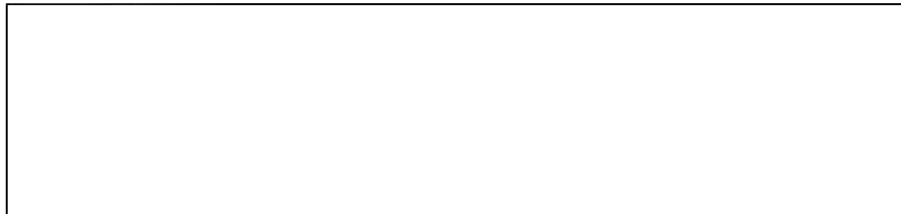
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*All must be submitted in pdf.

Return Form to Ashley Morris, Department of Biology, Middle Tennessee
State University, Murfreesboro, TN 37132; amorris.mtsu@gmail.com. 

**BEQUESTS TO THE
ASSOCIATION OF SOUTHEASTERN BIOLOGISTS**

If you would like to help assure ASB's future through a provision in your will, this general form of bequest is suggested:

I give, devise and bequeath to the Association of Southeastern Biologists, business office located in Bridgewater, VA, the sum of \$_____ and/or (specifically described property).

If property, please describe.

We welcome any inquiries you may have. In cases in which you have specific wishes about the disposition of your bequest, we suggest you discuss such provisions with your attorney.

SPECIAL REMINDERS FROM THE JOURNAL EDITOR***ASB BANQUET ATTENDANCE***

Please keep in mind that recipients of ASB awards must be present at the annual ASB banquet to receive the award. Therefore, all applicants for ASB awards must attend the banquet to insure the presence of the winners.

MEMBERSHIP AND REGISTRATION UPDATE

All applicants for ASB research awards must be ASB members in good standing, and be duly registered for the annual meeting. If necessary, check with the Treasurer for verification before you apply.

Please make sure your membership status is up-to-date amply before the deadline for abstract submission and for annual meeting registration. Please be aware that mailing a check or money order for membership renewal to the treasurer and then trying to register online or by mail for the annual meeting on the same day does not work. Moreover, trying to pay for membership renewal online in tandem with registering for the annual meeting online does not work well either.

EXTRA ABSTRACT SUBMISSION

Besides sending abstracts of papers and posters to the Program Committee by January 22, 2017, anyone wishing to be considered for an award must send an abstract to the respective award committee chairperson in order to be considered. An abstract must be sent to the chairperson by January 22, 2017.

Preliminary Presentation Instructions

- **Oral presentations** are allotted 15 minutes (12 for talk, 3 for questions) and slides must be in PowerPoint format on a USB memory drive.
- **Posters** should fit into a 46" x 46" space and will be displayed for an entire day (Thursday or Friday). Poster presenters should be prepared to stand by their posters for a designated one hour period.

Presenters will be notified of the day and time of their presentation in mid-March and will be scheduled according to topic preferences and date of abstract submission. If you must have a specific time or day for your presentation, please indicate so in the comment section of the abstract submission program.

If you have any questions, please contact the Program Chair, **Dr. Howard Neufeld** at: neufeldhs@appstate.edu; tel: 828-262-2683. ☞

**Nomination for ASB Officers and Executive
Committee Positions**

DEADLINE: 31 OCTOBER 2016

To members of the Nominating Committee: I wish to suggest that you consider the following ASB member(s) in selecting nominees for officers and executive committee positions. (***Please include the institutional address of each nominee.***)

VICE PRESIDENT _____

EXECUTIVE COMMITTEE (*two will be elected for three-year terms*)

MAIL TO: Dr. Zack Murrell, Department of Biology, Appalachian State University,
Boone, NC 28608; (828) 262-2674; murrellze@appstate.edu

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**SUPPORT AWARDS FOR
GRADUATE STUDENT MEMBERS OF ASB
DEADLINE FOR RECEIPT: 22 January 2017**

Limited funds are available to partially defray the expenses of graduate students attending the Annual Meeting. The awards are for lodging and meals only, including the ASB Banquet. Departments are urged to provide transportation for their graduate students. Recipients must be members of ASB. See ASB web site for membership application or renewal forms. The guidelines for application are as follows:

- (a) The recipient is a current member of ASB.
- (b) The recipient must present at the Annual Meeting and must include a separate copy of the abstract of the paper or poster to be presented along with the application. Failure to present will result in forfeiture of the award.
- (c) The recipient must be currently enrolled as a graduate student in the department where he/she conducted this research.
- (d) Student travel awards are granted on a competitive basis. Applications must contain:
 - * An itemized budget, including expected costs for lodging and meals, with a list of other sources of financial support for this meeting, including institutional aid and shared lodging.
 - * A brief history (a paragraph) of your education to date: indicate how many years you have been in graduate school and the expected date of completion of work for your degree, your major field of study and research, publications, including those in press and in preparation, degree sought, name of major professor and any other pertinent details.
 - * A copy of the abstract to the paper or poster that will be presented at the Annual Meeting.
 - * Your source(s) of support while in graduate school: e.g. NSF, NIH, USDA, Teaching Asst., Research Asst., etc.
 - * A letter of recommendation for an ASB support award from your faculty research advisor. This letter should comment on the work being presented and indicate the financial need of the student presenter. It should also indicate whether any departmental or other funding is available to the student.
- (e) Email the application as a single PDF, including the supporting letter to: Dr. Beverly Collins, collinsb@email.wcu.edu.
- (f) Applicants will be notified of the decision of the Committee as soon as is practical. Recipients of the award will pick up their checks at the ASB table at the annual meeting.

GUIDELINES FOR POSTER PRESENTATIONS

Poster sessions have been incorporated as a regular means of scientific presentation at the annual ASB meetings. This type of presentation provides a more informal environment that encourages a direct interchange of ideas and discussion between presenter and audience. Poster presentations are open to all ASB members. Adherence to the following guidelines helps ensure the effectiveness of the poster presentation and consideration for the award.

- (1) Display should fit on a 46" h x 46" w board suitable for thumbtacks, pushpins, or Velcro.
- (2) Poster must be displayed from 10 a.m. Thursday through 5 p.m. Friday. Authors will be required to be present at specified times during the Annual Meeting.
- (3) Poster should be carefully planned to maximize clarity and simplicity in conveying information.
- (4) Poster should have a heading, including a title, author, and author's institution(s). This heading should be placed at the top in letters no less than **3 cm** high.
- (5) The body of the poster, including text, figure legends, and table captions, should be in type no smaller than **18 pt (3-4 mm)** and *must* be legible from a distance of about 1-2 meters.
- (6) The body should be self-explanatory and should include figures, tables, graphs, maps, or photographs displayed in a well organized, coherent, and easy-to-follow sequence from top to bottom. Each illustration should contain a caption. *Do not overcrowd the display.* Significance will be one of the criteria looked for in judging the posters.
- (7) A limited degree of text may be included, but care should be taken not to overwhelm the audience.
- (8) A large, abbreviated version of the abstract should be presented at the top of the poster, but below the heading. A clear listing of specific conclusions should appear at the bottom or end of the presentation. An abstract must also be submitted to the award committee chair.

Further inquiries may be directed to one of the **Chairs of the ASB Poster Award Committee**: Dr. Emily Gillespie, Marshall University, Huntington, WV; gillespiee@marshall.edu or David K. Giles, University of Tennessee, Chattanooga, TN; david-giles@utc.edu.

RESEARCH AWARDS

SPECIAL NOTICE: Please read carefully the description of requirements for the ASB award for which you apply. All applicants for ASB awards must be ASB members in good standing, and must be duly registered for the annual meeting. If necessary, check with the Treasurer for verification before you apply. Note especially that recipients of ASB awards must be present at the annual ASB banquet to receive the award.

ASB SENIOR RESEARCH AWARD (\$1000)

Presented to a senior ASB member for an especially meritorious manuscript presented orally by the senior author at the annual meeting of ASB (or co-author under exceptional circumstances if the senior author cannot attend). Students are not eligible for this award. The award applicant must be senior author on both the manuscript and oral presentation, and the presenter must be a member of ASB. In order to qualify for this award, sponsored by ASB, the senior author (or a representative) must have presented work orally within a two-year period prior to the award submission deadline of 22 January 2017. The manuscript must either have been submitted for publication or be ready for submission and carry the format of the journal to which it will be (or has been) submitted. Author(s) may submit their papers electronically by emailing them to the committee chair (pdf preferred). Include a short (1 page maximum) biography of the award applicant. If sent by hardcopy, submit three copies of the manuscript and biographical sketch. Manuscripts received by 22 January 2017 will compete for the 2017 Senior Research Award. Manuscripts received after the deadline will be returned to the senior author who can then re-submit the following year. However, such manuscripts cannot have been published prior to the last annual meeting. Judges will use a standard evaluation form that includes the following criteria: significance of ideas, soundness of hypotheses, originality (creativity), quality of methodology, validity of results, soundness of conclusions, clarity, completeness, organization, and contribution to the field. Review papers, if submitted, should contain new information, such as novel syntheses from existing data, or an original contribution that extends our knowledge of the field, rather than just a review of existing literature. At the discretion of the Senior Research Award Committee, the award may be withheld or it may be split in case of a tie. *The recipient of the award must be present at the annual ASB banquet to receive the award.*

Committee Chair: Dr. Matthew Heard, Belmont University, Nashville, TN; matthew.heard@belmont.edu.

ASB STUDENT RESEARCH AWARD (\$1000)

Presented to a student ASB member for an especially meritorious manuscript presented orally by the student-author at the annual meeting. To be eligible for the Student Research Award (sponsored by ASB Patron Member Martin Microscope Company), the recipient must be the primary or senior author on the manuscript, and must be a graduate or undergraduate student at the time of presentation, or graduated within 6 months prior to the presentation. To qualify

for the award, the author must submit by the annual meeting abstract submission deadline of 22 January 2017: (1) an abstract in same format as submitted for the ASB call for papers, including author names, titles, and contact information; (2) an electronic copy, via email to the current Student Research Award Committee Chair (email posted on the ASB website), of a journal-ready manuscript or publication (in press, or published after the previous ASB annual meeting, but not prior); and (3) a biographical sketch of the applicant. In the case of multi-author papers (>2) the biographical sketch should include a statement summarizing the applicant's specific contributions to the paper. Judges will evaluate the manuscripts based on significance of ideas, soundness of hypotheses, originality, methodology, validity of results, soundness of conclusions, clarity, completeness, organization, and contribution to the field. At the discretion of the Student Research Award Committee, the award may be withheld or it may be split in the case of a tie. Only members of the ASB are eligible and the recipient of the award must be present at the Annual ASB Awards Banquet to receive the award.

Committee Chair: Dr. Christopher Gissendanner, University of Louisiana, Monroe, LA; gissenbanner@ulm.edu.

ASB STUDENT ORAL PRESENTATION AWARDS (\$300)

Sponsored by ASB, the award is presented for an especially meritorious student oral presentation of research results to four students at the annual meeting. Students are recognized in one of four categories designed to reflect the breadth of biological disciplines at ASB that are not currently represented through affiliate awards. At abstract submission by 22 January 2017, students may choose no more than one category from (1) Cell and Molecular Biology, (2) Aquatic Biology, (3) Animal Biology, and (4) Microbiology in which to be considered. One award of \$300 will be made in each of the four categories. In order to qualify for this award, the senior author must request consideration for the award on the abstract submission form, submit one copy of the title and abstract to the ASB Program Chair by 22 January 2017, and submit a second copy by the same date to the Microbiology Award Committee Chair. Only members of ASB are eligible and the recipient of the award must be present at the Annual ASB Banquet to receive the award (go to <http://www.sebiologists.org> for membership application or renewal form).

Committee Chair: Dr. Christopher Gissendanner, University of Louisiana, Monroe, LA; gissenbanner@ulm.edu.

ASB STUDENT POSTER PRESENTATION AWARDS (\$300)

Sponsored by ASB, the award is presented for an especially meritorious student poster presentation of research results to four students at the annual meeting. Students are recognized in one of four categories designed to reflect the breadth of biological disciplines at ASB that are not currently represented through affiliate awards. At abstract submission by 22 January 2017, students may choose no more than one category from (1) Cell and Molecular Biology, (2)

Aquatic Biology, (3) Animal Biology, and (4) Microbiology in which to be considered. One award of \$300 will be made in each of the four categories. The purpose of the award is to stimulate greater student participation at the Annual Meeting. To qualify for this award, the senior author **must be a graduate or undergraduate student at the time of presentation, must be a member of ASB, must submit an abstract by the 22 January 2017 deadline, and must be present at the Annual ASB Awards Banquet.**

Committee Chair: Dr. Christopher Gissendanner, University of Louisiana, Monroe, LA; gissenbanner@ulm.edu.

EUGENE P. ODUM AWARD (\$500)

The Eugene P. Odum Award is sponsored by the Southeastern Chapter of ESA. This Award of \$500 is given for the best oral presentation on ecological research given by a student at the Association of Southeastern Biologists [ASB] Annual Meeting. Undergraduate and graduate students are eligible. The research presented should be primarily of the student's design and should represent a culmination of their work. Presentations describing preliminary work or data will not be considered for the Odum Award. Likewise, the abstract must be complete with results and discussion comprising a significant portion of the abstract. Students may not compete for the Award in successive years on the same project, and may not compete simultaneously for the Odum and Quarterman-Keever Awards in the same year.

(1) A student must indicate his or her interest by clicking the Odum Award radio button on the abstract submission website. To be considered, the student must submit the abstract by the deadline announced in the Call for Papers to both the (2) ASB Meeting Program Chair **and** directly to the (3) Chair of the Odum Award Committee, Dr. Christopher Adams, Biology Program, CP02191, Berea College, Berea, KY 40404; 859-985-3348; adamsch@berea.edu. Send e-mail with the abstract attached. Enter ODUM AWARD (your last name) in the subject line. **Submissions failing to meet these three criteria will not be considered.**

Committee Chair: Dr. Christopher Adams, Biology Program, CP02191, Berea College, Berea, KY 40404; 859-985-3348; adamsch@berea.edu.

ELSIE QUARTERMAN-CATHERINE KEEVER AWARD (\$500)

Given by the Southeastern Chapter of the Ecological Society of America for the best ecological poster presented by a student. This award was presented for the first time in 2005. Undergraduate and graduate students are eligible. The student must be the sole or senior author. The poster must deal with a clearly ecological topic and should represent substantially completed work. It should be presented in a regular contributed poster session. Students may not compete for this award in successive years with the same project. Students may not compete simultaneously for the Elsie Quarterman-Catherine Keever Award and the Odum Award in the same year. One copy of the title and abstract should be sent to the ASB Program Chair by the "Call for Papers" deadline of 22 January 2017 and a

second copy must be sent via email by the same date to the Quartermaster-Keever Committee Chair.

Committee Chair: Dr. David Vandermast, Department of Biology, Elon University, 2625 Campus Box, Elon, NC 27244; 336-278-6171; dvandermast@elon.edu.

THE NORTH CAROLINA BOTANICAL GARDEN AWARD (\$300)

Given by NCBG (through the Southeastern Section of the Botanical Society of America and the Southern Appalachian Botanical Society). This is awarded for a paper presented at the annual ASB meetings that best advances our understanding of the biology and conservation of the southeastern plants and/or their ecosystems, and thus contributes to the mission of the North Carolina Botanical Garden. Of special interest to the Garden are the rare plant species of the Southeast: why they are rare; how they interact with plants, animals, and their environment; and what can be done to ensure their survival. The paper may deal with a broad area including systematics, ecology and conservation. All individuals who are eligible to present at the ASB meetings are eligible for this award. They may be students, faculty or others.

Committee Chair: Dr. John Randall, Department of Biology, University of North Carolina, Greensboro, NC 27412; 919-962-0522; fax 919-962-3531; jrandall@email.unc.edu.

BOTANICAL SOCIETY OF AMERICA SOUTHEASTERN SECTION STUDENT AWARDS

Two awards: A \$300 cash prize for the best paper and a \$300 cash prize for the best poster in plant science presented at the annual meeting of ASB. In addition, each winner will receive funds towards travel to the annual BSA meeting as well as one year's membership in BSA. These are awards for papers and posters in botany in its broadest sense including fungi and algae as well as plants.

Who is eligible: Undergraduate and graduate students are eligible. The student must be the sole or senior author of the paper or poster. Students may only apply for one or the other award, but not both.

How to apply: To be included in the competition, applicants should e-mail their abstract to the Botanical Society of America Southeastern Section Student Award committee chair by the abstract deadline of 22 January 2017. The winner will be announced at the ASB Banquet.

Committee Chair: Dr. Emily Gillespie, Department of Biological Sciences, Marshall University, Huntington, WV 25755; 304-696-6467; gillespie@marshall.edu.

Southern Appalachian Botanical Society

Outstanding Student Paper and Poster Awards

The society offers two awards for students: the SABS Outstanding Student Paper Award, and the SABS Outstanding Student Poster Award. A nominee must be a current undergraduate or graduate student in good standing, and must be a current member of SABS. A student will nominate his/her paper or poster presentation when registering for the annual ASB meeting and submitting the abstract. Each award includes an honorarium of \$150.00, and the winners will be announced at the ASB Friday night banquet.

Earl Core Student Award

The Core Student Award was established by the Society Council to provide financial assistance in support of student research projects in plant taxonomy, systematics and ecology.

Criteria and Procedures

1. An applicant for a Core Student Award and his/her research advisor must be members of the Southern Appalachian Botanical Society (SABS).
2. Support in the form of a Core Student Award will be presented to an individual student for a given research project only once; applications for additional support for the same project will not be considered.
3. The research advisor will attest to the applicant's student status and validity of the research proposal.
4. The annual award period will run from May 1 of the award year through April 30 of the next year.
5. An individual award may not exceed \$500.
6. Award applications for consideration each year must be received by the committee chair no later than January 15 of the award year. Download the application cover sheet on SABS website. Award recipients will be announced in April at the annual meeting of SABS/ASB.
7. Awards will be designated on a competitive basis with the applications reviewed and awardee(s) selected by the Core Student Award Committee. Should a member of the committee be the research advisor of an applicant, he/she will be excused as a reviewer for that entire group of applications and replaced by the society president.
8. Recipients of a Core Student Award are expected to submit a summary for publication in *Chinquapin* (our newsletter). Though not required, recipients are encouraged to submit the results of their research to *Castanea* for possible publication. In any case, oral presentation(s) and/or publication(s) resulting from financial support should appropriately acknowledge SABS.

Elizabeth Ann Bartholomew Award

PURPOSE

Elizabeth Ann Bartholomew (1912–1985) served as the Secretary of the Southern Appalachian Botanical Club (now Society) from 1946 until 1981. Her life was devoted to plants, and she transferred her interest in plants and nature to students of all ages and walks of life. The Southern Appalachian Botanical Society annually presents the Elizabeth Ann Bartholomew Award in memory of her untiring service to the public, to plant systematics, and to this organization. This award is presented to individuals who have also distinguished themselves in professional and public service that advances our knowledge and appreciation of the world of plants and their scientific, cultural, and aesthetic values, and/or in exceptional service to the Society.

TO NOMINATE A DESERVING COLLEAGUE FOR THE 2017 BARTHOLOMEW AWARD

Please go to the SABS website [<http://www.sabs.appstate.edu/>] to download and fill out a copy of the application form and mail it to the chair of the Bartholomew award committee by **22 January 2017**. SABS members may nominate more than one person.

Please note: The Elizabeth Ann Bartholomew Award will not be presented posthumously or jointly. Current members of either the Executive Council or the Bartholomew Award Committee are not eligible.

Nominations must include a list of names and addresses (including e-mail) of at least five colleagues whom you believe would support your nomination with an enthusiastic letter or recommendation if contacted by the award committee.

Please send applications to:

Dr. Thomas Wentworth, Department of Plant & Microbial Biology, North Carolina State University, Raleigh, NC 27695. Questions may be directed to him at (919) 515-2168, tom_wentworth@ncsu.edu.

For the award requirements of other ASB affiliates, visit their respective web site:

American Society of Ichthyologists and Herpetologists—<http://www.asih.org/>

Southeastern Microscopy Society—<http://www.semicroscopy.org>

Southern Society of Parasitologists—<http://asp.unl.edu>

SPECIAL AWARDS

THE ROBERT H. MARTIN PROFESSIONAL EXCELLENCE AWARD

Sponsored by Martin Microscope Company, this ASB award is established to honor the memory of Robert H. Martin, Sr., founder of Martin Microscope Company. ASB members are invited to nominate outstanding ASB scientists,

educators, and professionals to receive the Robert H. Martin Professional Excellence Award, established in 2008 and sponsored by **Martin Microscope Company**. In keeping with the example of the award namesake, nominees must be ASB members who have devoted a major portion of their career to energetic, creative commitment and skillful, effective service to biology education, biology research, and/or the biology profession. This award is only presented when the award committee identifies an exceptional, qualified nominee. Recipients are honored at the Awards Banquet during the ASB Annual Meeting and will receive a plaque and a cash award. The amount of the cash award is to be determined by the Robert H. Martin Award Fund Committee. Nominations must include a detailed written description of the candidate's qualifications. Nominations may be submitted at any time.

Please send nominations to: **Dr. Edgar Lickey**, Department of Biology, Bridgewater College, Bridgewater, VA 22812; 502-828-5426; elickey@bridgewater.edu. ☞

The John Herr Lifetime Achievement Award

This prestigious award was established by the Association of Southeastern Biologists in 2007 to recognize unusually significant contributions by its members to the life of the Association and to biology in the southeastern US. The award was first presented to its namesake, Distinguished Professor Emeritus John Herr (Department of Biological Sciences, University of South Carolina), by President Kim Marie Tolson in Columbia, South Carolina on April 20, 2007, on the occasion of the 68th Annual Meeting of the Association. This award is to be presented at an Annual Meeting of the Association to no more than one recipient, but there is no requirement that it be given every year.

A nominator wishing to submit a candidate for this award to the Association must prepare a nomination package on behalf of the candidate, following the guidelines below. The package is to be conveyed to the committee chair by June 15 to be in competition for the award presented at the upcoming Annual Meeting. The President will appoint a committee consisting of three individuals, at least one of whom will be a Past President and the other two officers or former officers of the Association. That committee will consider all active packages and will report a nomination of a single award recipient (if any) to the President of the Association, who will present it to the interim Executive Committee (EC) meeting, held in September or October of each year. Upon a majority vote in favor of the nomination from the EC members present at such a meeting, the President will appoint an individual (typically the most recent Past President) to prepare a plaque and citation to be presented by the President to the recipient at the awards banquet during the upcoming Annual Meeting. Other nomination packages may be held over for consideration, for a maximum of two additional years, after which time unsuccessful packages will be returned to their nominators.

A recipient of this award must have contributed in ways that set her or him apart from other members of the Association. In particular, the recipient must have:

1. Demonstrated unusual and long-standing devotion to the Association through consistent efforts to improve and advance ASB, going beyond the standard duties of committee members and officers. The recipient must have demonstrated a willingness to serve the organization when asked for additional service.
2. Been a member in good standing of the Association for a minimum of ten years.
3. Served as an elected or appointed officer of the Association.
4. Contributed in a significant way to the Association's purpose of promoting the advancement of biology as a science in the southeastern US, through research, education, solution of biological problems, conservation, public awareness of biological issues, and/or public service.
5. Have other accomplishments indicative of unusual dedication and service to the Association.

Committee Chair: Dr. Thomas Wentworth, North Carolina State University, Raleigh, NC; tom_wentworth@ncsu.edu.

ASB Meritorious Teaching Award 2017

Deadline for Nominations January 22, 2017

The Association of Southeastern Biologists Meritorious Teaching Award is one of the highest honors for excellence in teaching at the undergraduate and/or graduate level in biology in the U.S. Southeast. Since 1953, ASB has recognized one of its members for outstanding teaching most years at the ASB Annual Banquet, the closing event of each spring meeting. Carolina Biological Supply Company generously sponsors this \$1500 award. The Meritorious Teaching Award Committee seeks nominations from the ASB membership and selects the winner. The Meritorious Teaching Committee urges the membership to consider qualified candidates at their institutions or at other ASB associated institutions for nomination and to assume the responsibility of coordinating and submitting materials for candidates' nominations. Possible candidates may not nominate themselves.

Criteria for the Meritorious Teaching Award

1. The candidate has been an ASB member for at least 10 years.
2. The candidate has taught biology for at least ten years in any college or university represented in the association. There is no restriction on the size of the institution, nor must the institution have a graduate program.

Documentation for the Meritorious Teaching Award

The nominator may be a current student, a former student, or a colleague. The nominator should assemble a portfolio which includes:

1. A letter of nomination of a candidate with the nominator's personal support of the nomination.

2. Several letters supporting the nomination of a candidate from colleagues, administrators, current and former students. The number of letters is not a priority; however, the documentation needs to be abundant and diverse. In other words, the evidence you have provided should convincingly support your nominee.
3. Current *curriculum vitae*.

The purpose of documentation is to show the educational influence this candidate has made by virtue of his or her role as a biology professor. Letters should discuss activities of the candidate such as advising, mentoring, involving students in research, using innovative teaching methods, curriculum and/or course development, participation in study/travel/research programs, sponsoring science related groups such as Beta Beta Beta, innovative service to their institution, ASB, or the community, etc. Documentation by students or former students might include how the candidate influenced their development and contributed to their own achievements.

The nominator should send assembled materials electronically to Dr. Jennell Talley, Chair Meritorious Teaching Committee, at jtalley@ggc.edu. In the electronic mailing the nominator needs to send a cover letter noting the number and type of items in the attached portfolio, the name and contact information of the candidate and the nominator's contact information. The Chair of the Committee will acknowledge receipt of the materials. **In addition to the electronic materials**, the committee requires a signed hard copy of the letter of nomination and all supporting letters. The assembled hard copies should be sent to **Dr. Jennell Talley, Department of Biology, Georgia Gwinnett College, Lawrenceville, Georgia**. The hard copies will be a part of a file of materials presented to the winning candidate. These letters are usually the most meaningful part of the award to the winning candidate.

The deadline for submission of materials is January 22, 2017. The nominator is also responsible for making sure the candidate attends the ASB banquet. If you have any questions, please contact me at jtalley@ggc.edu. Files received for any candidate will remain active for at least two additional years and may be updated. The award for 2013-2014 was not given due to a lack of nominations. Please take the initiative and nominate qualified candidates for this prestigious award. It really means a great deal to those who receive the award.

Dr. Jennell Talley, Chair
ASB Meritorious Teaching Award Committee

ASB Lucrecia Herr Outstanding Biology Teacher Award (\$750)

The Education Committee of ASB recognizes individuals for their achievements and dedication to biology education at the secondary school level. The awardee is invited to attend the annual meeting and be honored. The award shows appreciation for excellence in teaching at the secondary level, and to reach out to our colleagues in the teaching profession. The awardee is selected by the Education Committee. ☞



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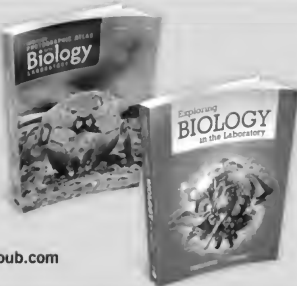
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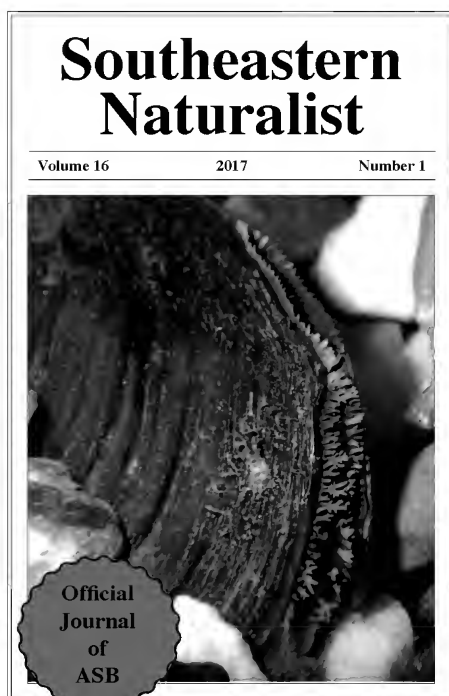
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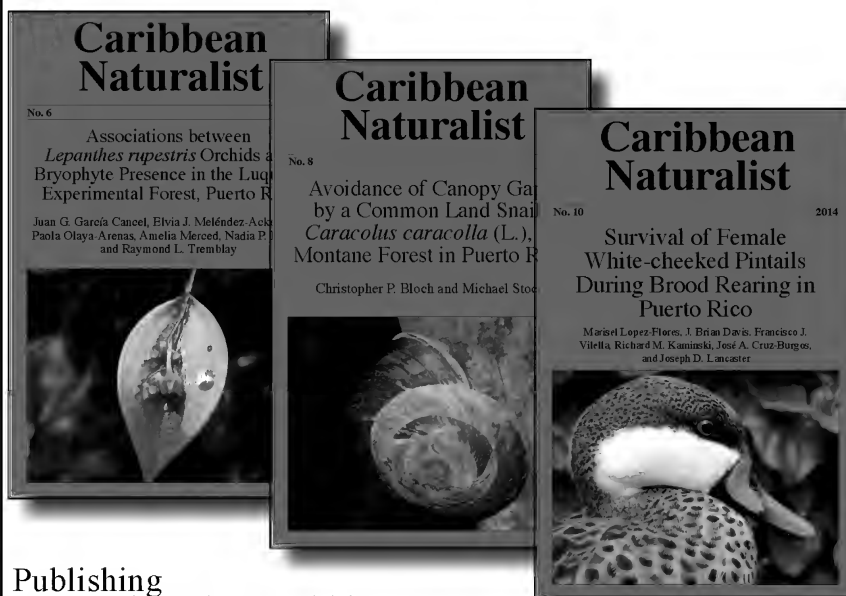
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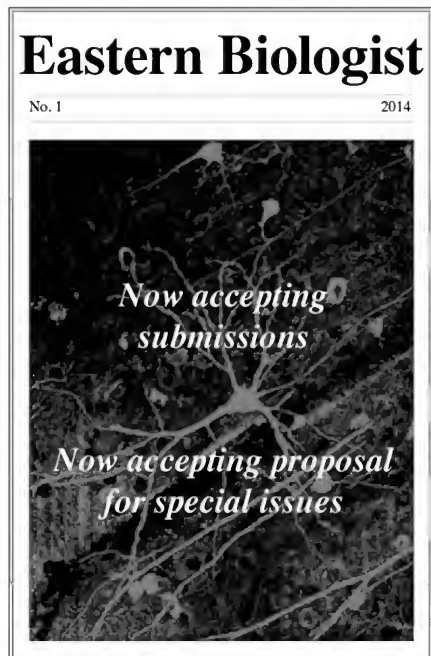
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